

<210> 2015

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2015

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser_Cys Ala Ala Ser Gly Phe Thr Phe Asp Asp Tyr
 20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Gly Ile Asn Trp Asn Gly Gly Ser Thr Gly Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Arg Arg Tyr Ala Leu Asp Tyr Trp Gly Arg Gly Thr Leu Val
 100 105 110

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu
 130 135 140

Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
 145 150 155 160

Tyr Ala Ser Trp Tyr Gln Gln Thr Pro Gly Gln Ala Pro Val Leu Val
 165 170 175

Ile His Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
 180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln
 195 200 205

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly
 210 215 220

Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235

<210> 2016
 <211> 240
 <212> PRT
 <213> Homo sapiens

<400> 2016
 Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
 195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
 210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235 240

<210> 2017

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2017

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Arg Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
 130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
 145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
 165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
 180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
 195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
 210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
 225 230 235

<210> 2018

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2018

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Gly Phe Ala Leu Tyr Lys Asp Trp Gly Gln Gly Thr Leu Val
 100 105 110

Thr Val Ser Arg Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly

115 120 125

Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu
130 135 140

Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
145 150 155 160

Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val
165 170 175

Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln
195 200 205

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly
210 215 220

Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235

<210> 2019
<211> 237
<212> PRT
<213> Homo sapiens

<400> 2019
Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Arg Gly Thr Met Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2020

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2020

Glu Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
 130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
 145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
 165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
 180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
 195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
 210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
 225 230 235

<210> 2021

<211> 242

<212> PRT

<213> Homo sapiens

<400> 2021

Gln Val Asn Leu Arg Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Asp Leu Thr Gly Asp Ala Phe Asp Ile Trp Gly Arg Ser
 100 105 110

Thr Leu Val Thr Val Ser Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asn Pro Ala Val Ser
 130 135 140

Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu
 145 150 155 160

Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
 165 170 175

Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp
 180 185 190

Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr
 195 200 205

Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp
 210 215 220

Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val
 225 230 235 240

Leu Gly

<210> 2022

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2022

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Gly Asp Ala Tyr Phe Asp Tyr Trp Gly Arg Gly Thr Met Val
 100 105 110

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu
 130 135 140

Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
 145 150 155 160

Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val
 165 170 175

Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
 180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln
 195 200 205

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys His Ser Arg Asp Ser Ser Gly
 210 215 220

Asn His Val Leu Phe Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235

<210> 2023

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2023

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Val Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Gly Tyr
 20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Gly Asp Ala Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Met Val
 100 105 110

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu
 130 135 140

Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
 145 150 155 160

Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val
 165 170 175

Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
 180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln

```

195
200
205
Ala Glu Asp Glu Ala Asp Tyr Tyr Cys His Ser Arg Asp Ser Ser Gly
210 215 220
Asn His Val Leu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235
<210> 2024
<211> 238
<212> PRT
<213> Homo sapiens
<400> 2024
Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30
Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45
Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95
Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110
Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125
Ser Gln Ser Val Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly
130 135 140
Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr
145 150 155 160
Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile
165 170 175

```

Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly
 180 185 190

Ser Ser Ser Gly Asn Ala Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala
 195 200 205

Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn
 210 215 220

His Val Val Phe Gly Arg Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235

<210> 2025

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2025

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Arg Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2026

<211> 244

<212> PRT

<213> Homo sapiens

<400> 2026

Gly Val Gln Leu Val Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Leu Leu Asp Ala Phe Asp Ile Trp Gly Arg Ser Thr
100 105 110

Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser
130 135 140

Gly Ser Pro Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser
145 150 155 160

Asp Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly
165 170 175

Lys Ala Pro Lys Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly
180 185 190

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
195 200 205

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser
210 215 220

Ser Tyr Thr Thr Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu
225 230 235 240

Thr Val Leu Gly

<210> 2027

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2027

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ala Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr

55 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
 130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
 165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
 180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
 195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2028
<211> 237
<212> PRT
<213> Homo sapiens

<400> 2028
Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
.15 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Met Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2029
<211> 240
<212> PRT
<213> Homo sapiens

<400> 2029
Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Lys Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Gly Asp Ser
210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2030

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2030

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Met Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
 195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Gly Ser
 210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235 240

<210> 2031

<211> 241

<212> PRT

<213> Homo sapiens

<400> 2031

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Met Asn Pro Asn Ser Gly Asn Thr Gly Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Val Gly Tyr Gly Gly Lys Gly Asp Tyr Trp Gly Arg Gly Thr
 100 105 110

Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 115 120 125

Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val
 130 135 140

Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg
 145 150 155 160

Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val
 165 170 175

Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg
 180 185 190

Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly
195 200 205

Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser
210 215 220

Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
225 230 235 240

Gly

<210> 2032

<211> 241

<212> PRT

<213> Homo sapiens

<400> 2032

Gln Val Gln Leu Gln Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Ala Gly Ser Arg Tyr Phe Asp Leu Trp Gly Arg Ser Thr
100 105 110

Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val
130 135 140

Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg

145 150 155 160
 Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Leu
 165 170 175
 Leu Val Val Tyr Ala Lys Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg
 180 185 190
 Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly
 195 200 205
 Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys His Ser Arg Asp Ser
 210 215 220
 Ser Gly Asn His Val Leu Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 225 230 235 240
 Gly
 <210> 2033
 <211> 249
 <212> PRT
 <213> Homo sapiens
 <400> 2033
 Gln Val Thr Leu Lys Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15
 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr
 20 25 30
 His Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Trp Ile Asn Pro Asn Ser Gly Asp Thr Asn Tyr Val Lys Lys Phe
 50 55 60
 Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Val Ser Thr Ala Tyr
 65 70 75 80
 Met Glu Leu Ser Arg Leu Thr Ser Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Arg Gly Leu Ala Pro Ile Val Asp Gly Gly Met Thr Asn Asp Ala
 100 105 110

Phe Asp Ile Trp Gly Arg Ser Thr Leu Val Thr Val Ser Ser Gly Gly
 115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu
 130 135 140

Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile
 145 150 155 160

Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln
 165 170 175

Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr Gly Lys Asn Asn
 180 185 190

Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn
 195 200 205

Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp
 210 215 220

Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn His Val Val Phe Gly
 225 230 235 240

Gly Gly Thr Lys Leu Thr Val Leu Gly
 245

<210> 2034

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2034

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Met Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu
 195 200 205

Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Thr Arg
 210 215 220

Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235

<210> 2035

<211> 239

<212> PRT

<213> Homo sapiens

<400> 2035

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Arg Leu Ile Arg Lys Ala Arg Trp Gly Gln Gly Thr Leu Val
100 105 110

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
115 120 125

Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Val Val Ser Val Ala Leu
130 135 140

Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
145 150 155 160

Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val
165 170 175

Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln
195 200 205

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly
210 215 220

Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235

<210> 2036

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2036

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly

1	5	10	15
Ser Leu Arg	Leu Ser Cys Ala Ala Ser	Gly Phe Thr Phe Ser Ser Tyr	
	20	25	30
Glu Met Asn	Trp Val Arg Gln Ala Pro	Gly Lys Gly Leu Glu Trp Val	
	35	40	45
Ser Tyr Ile	Ser Ser Ser Gly Ser Thr	Ile Tyr Tyr Ala Asp Ser Val	
	50	55	60
Lys Gly Arg	Phe Thr Ile Ser Arg Asp	Asn Ala Lys Asn Ser Leu Tyr	
	65	70	75
Leu Gln Met	Asn Ser Leu Arg Ala Glu	Asp Thr Ala Val Tyr Tyr Cys	
	85	90	95
Ala Arg Asp	Thr Thr Asp Tyr Trp Gly	Gln Gly Thr Met Val Thr Val	
	100	105	110
Ser Ser Gly	Gly Gly Gly Ser Gly Gly	Gly Gly Ser Gly Gly Gly	
	115	120	125
Ser Ser Glu	Leu Thr Gln Asp Pro Ala	Val Ser Val Ala Leu Gly Gln	
	130	135	140
Thr Val Arg	Ile Thr Cys Gln Gly Asp	Ser Leu Arg Ser Tyr Tyr Ala	
	145	150	155
Ser Trp Tyr	Gln Gln Lys Pro Gly Gln	Ala Pro Val Leu Val Ile Tyr	
	165	170	175
Ala Lys Asn	Lys Arg Pro Ser Gly Ile	Pro Asp Arg Phe Ser Gly Ser	
	180	185	190
Ser Ser Gly	Asn Thr Ala Ser Leu Thr	Ile Thr Gly Ala Gln Ala Glu	
	195	200	205
Asp Glu Ala	Asp Tyr Tyr Cys His Ser	Arg Asp Ser Ser Gly Asn His	
	210	215	220
Val Leu Phe	Gly Gly Gly Thr Lys Leu Thr	Val Leu Gly	
	225	230	235

<210> 2037

<211> 244

<212> PRT

<213> Homo sapiens

<400> 2037

Glu Val Gln Leu Val Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Arg Gly Asn Gln Ala Phe Asp Ile Trp Gly Arg Ser Thr
 100 105 110

Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 115 120 125

Gly Gly Gly Gly Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser
 130 135 140

Gly Ser Pro Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser
 145 150 155 160

Asp Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly
 165 170 175

Lys Ala Pro Lys Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly
 180 185 190

Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu
 195 200 205

Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser

210 215 220
 Ser Tyr Thr Thr Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu
 225 230 235 240

 Thr Val Leu Gly

 <210> 2038
 <211> 239
 <212> PRT
 <213> Homo sapiens

 <400> 2038
 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Arg Pro Gly Gly
 1 5 10 15

 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asp Tyr
 20 25 30

 Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

 Ser Gly Ile Asn Trp Asn Gly Gly Ser Thr Gly Tyr Ala Asp Ser Val
 50 55 60

 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

 Ala Arg Arg Arg Tyr Ala Leu Asp Tyr Trp Gly Gln Gly Thr Leu Val
 100 105 110

 Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

 Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu
 130 135 140

 Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
 145 150 155 160

 Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val
 165 170 175

Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln
195 200 205

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly
210 215 220

Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235

<210> 2039

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2039

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Arg Gly Thr Met Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln
130 135 140

Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala
145 150 155 160

Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
165 170 175

Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser
180 185 190

Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu
195 200 205

Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn His
210 215 220

Val Val Phe Asp Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235

<210> 2040

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2040

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Leu Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Arg Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2041

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2041

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys

85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly
115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser Gly Thr Pro Gly
130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
145 150 155 160

Asn Thr Val Ser Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
210 215 220

Leu Asn Ser Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2042
<211> 245
<212> PRT
<213> Homo sapiens

<400> 2042

Ala Val Gln Leu Val Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ser Arg Ser Pro Tyr Asp Ala Phe Asp Ile Trp Gly Arg Ser
100 105 110

Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gly Gly Gly Gly Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val
130 135 140

Ser Gly Ser Pro Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser
145 150 155 160

Ser Asp Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro
165 170 175

Gly Lys Ala Pro Lys Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser
180 185 190

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
195 200 205

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
210 215 220

Ser Ser Tyr Thr Thr Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys
225 230 235 240

Leu Thr Val Leu Gly
245

<210> 2043

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2043

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2044

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2044

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Met Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
 195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
 210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235 240

<210> 2045

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2045

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Lys Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Thr Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2046

<211> 242

<212> PRT

<213> Homo sapiens

<400> 2046

Gly Val Gln Leu Val Glu Ser Gly Ala Glu Val Lys Arg Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Val Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ser Asn Trp Gly Gly Asp Ala Phe Asp Ile Trp Gly Arg Ser
100 105 110

Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser
130 135 140

Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu
145 150 155 160

Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro

[illegible]

<210> 2047

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2047

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ser Leu Ala Phe Asp Ile Trp Gly Lys Ser Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser Gly Ser Pro Gly
130 135 140

Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp Val Gly Gly
145 150 155 160

Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys
165 170 175

Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly Val Ser Asn Arg
180 185 190

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
195 200 205

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Thr
210 215 220

Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2048

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2048

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Asn Ile Gly Ser
145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Glu Leu Thr Val Leu Gly
225 230 235 240

<210> 2049

<211> 249

<212> PRT

<213> Homo sapiens

<400> 2049

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Glu Pro Gly Ala
1 5 10 15

Ser Val Lys Ile Ser Cys Glu Ala Ser Gly Tyr Thr Phe Thr Asn Asn
20 25 30

Phe Ile Asp Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Thr Ile Ser Gly Ser Thr Gly Asn Thr Tyr Tyr Lys Gln Gly Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ala Thr Ser Thr Ala Tyr
65 70 75 80

Leu Glu Val Arg Gly Leu Thr Ser Glu Asp Thr Ala Ile Tyr Phe Cys
85 90 95

Ala Arg Pro Ala Ala Ser Ser Arg Gly Pro Lys Asp Ala Phe Asp Ile
100 105 110

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gln Ser Val Leu Thr Gln
130 135 140

Pro Pro Ser Val Ser Ala Ala Pro Gly Gln Lys Val Thr Ile Ser Cys
145 150 155 160

Ser Gly Ser Thr Ser Asn Ile Gly Asn Asn Tyr Val Ser Trp Tyr Gln
165 170 175

Gln His Pro Gly Lys Ala Pro Lys Leu Met Ile Tyr Asp Val Ser Lys
180 185 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn
195 200 205

Ser Ala Ser Leu Asp Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp
210 215 220

Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Ser Glu Phe Leu Phe Gly
225 230 235 240

Thr Gly Thr Lys Leu Thr Val Leu Gly
245

<210> 2050

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2050

Gln Val Gln Leu Gln Gln Ser Gly Gly Gly Leu Leu Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ala Phe Lys Asn Tyr

[illegible]

```
<210> 2051
<211> 243
<212> PRT
<213> Homo sapiens
```

<400> 2051

Gln Val Gln Leu Gln Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser His Tyr
 20 25 30

Trp Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Ala Glu
 35 40 45

Ala Ser Ile Lys Arg Asp Gly Ser Gln Gln Tyr Tyr Leu Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Ser
 65 70 75 80

Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Gly Val Ala Ala Gly Glu Asp Tyr Trp Gly Arg Gly Thr
 100 105 110

Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 115 120 125

Gly Gly Gly Gly Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Val Ser
 130 135 140

Ala Ala Pro Gly Gln Lys Val Thr Ile Ser Cys Ser Gly Ser Asn Ser
 145 150 155 160

Asn Ile Gly Asn Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys
 165 170 175

Val Pro Lys Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly Val
 180 185 190

Ser Asn Arg Phe Ser Ala Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
 195 200 205

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser
 210 215 220

Tyr Thr Ser Ser Ser Thr Tyr Ala Phe Gly Thr Gly Thr Lys Leu Thr

225

230

235

240

Val Leu Gly

<210> 2052

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2052

Gly Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Arg Phe Ser Asp Tyr
 20 25 30

Ala Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ser Ile Thr Gly Arg Gly Gly Gly Thr His Tyr Ala Gly Ser Val
 50 55 60

Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Val Tyr
 65 70 75 80

Leu Gln Met Asn Asn Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Ser Phe Val Leu Asp Tyr Trp Gly Lys Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser Gly Ser Pro Gly
 130 135 140

Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp Val Gly Gly
 145 150 155 160

Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys
 165 170 175

Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly Val Ser Asn Arg
 180 185 190

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
195 200 205

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Thr
210 215 220

Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2053

<211> 238

<212> PRT

<213> Homo sapiens

<400> 2053

Gln Val Gln Leu Gln Gln Trp Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ser Thr Phe Ser Thr Tyr
20 25 30

Ser Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Ser Ile Ser Tyr Asp Gly Ser Ile Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Lys Gly Asn Gly Lys Asp Val Trp Gly Arg Gly Thr Leu Val Thr
100 105 110

Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser
130 135 140

Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser
145 150 155 160

Ser Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val
165 170 175

Leu Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe
180 185 190

Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu
195 200 205

Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr
210 215 220

Pro Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Val Lys Arg
225 230 235

<210> 2054

<211> 241

<212> PRT

<213> Homo sapiens

<400> 2054

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser His Tyr
20 25 30

Trp Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Ala Val
35 40 45

Ala Ser Ile Lys Arg Asp Gly Ser Gln Gln Tyr Tyr Leu Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Ser
65 70 75 80

Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Val Ala Ala Gly Glu Asp Tyr Trp Gly Arg Gly Thr
100 105 110

Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Asp Val Val Met Thr Gln Ser Pro Ser Ser Val
130 135 140

Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln
145 150 155 160

Gly Ile Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala
165 170 175

Pro Lys Leu Leu Ile Tyr Ala Ala Ser Thr Leu Gln Ser Gly Val Pro
180 185 190

Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
195 200 205

Ser Thr Leu Gln Pro Glu Asp Val Ala Thr Tyr Tyr Cys Glu Asn Tyr
210 215 220

Asn Ser Val Pro Leu Ser Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
225 230 235 240

Arg

<210> 2055

<211> 241

<212> PRT

<213> Homo sapiens

<400> 2055

Gln Val Gln Leu Val Gln Ser Gly Gly Asp Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Tyr Ser Ser Tyr
20 25 30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys

85

90

95

Ala Arg Asp Leu Asp Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr
 100 105 110

Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly
 115 120 125

Gly Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Ser Pro
 130 135 140

Gly Gln Ser Val Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp Val Gly
 145 150 155 160

Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro
 165 170 175

Lys Phe Met Ile Tyr Asp Val Ser Lys Arg Pro Ser Gly Val Ser Asn
 180 185 190

Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser
 195 200 205

Gly Val Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr
 210 215 220

Ser Ala Ser Thr Val Ile Phe Gly Gly Thr Lys Leu Thr Val Leu
 225 230 235 240

Gly

<210> 2056

<211> 243

<212> PRT

<213> Homo sapiens

<400> 2056

Gln Val Gln Leu Val Gln Ser Gly Gly Asn Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Asn Asp Ile Val Val Val Asp Met Asp Val Trp Gly Arg
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val
130 135 140

Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser
145 150 155 160

Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala
165 170 175

Pro Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro
180 185 190

Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile
195 200 205

Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg
210 215 220

Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr
225 230 235 240

Val Leu Gly

<210> 2057

<211> 243

<212> PRT

<213> Homo sapiens

<400> 2057

Glu Val Gln Leu Val Gln Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Thr Tyr
 20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Ala Ile Trp His Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
 50 55 60

Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Lys Arg Gly Ser Arg Arg Val Phe Asp Ile Trp Gly Arg
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
 115 120 125

Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val
 130 135 140

Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser
 145 150 155 160

Leu Arg Ser Tyr Tyr Thr Asn Trp Phe Gln Gln Lys Pro Gly Gln Ala
 165 170 175

Pro Leu Leu Val Val Tyr Ala Lys Asn Lys Arg Pro Ser Gly Ile Pro
 180 185 190

Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile
 195 200 205

Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg
 210 215 220

Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr
 225 230 235 240

Val Leu Gly

<210> 2058

<211> 244

<212> PRT

<213> Homo sapiens

<400> 2058

Glu Val Gln Leu Val Gln Ser Gly Pro Gln Val Lys Lys Pro Gly Ser
1 5 10 15

Pro Val Lys Val Ser Cys Lys Ala Ser Gly Val Thr Phe Ser Ser Thr
20 25 30

Ala Phe Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Val
35 40 45

Gly Gly Ile Ile Pro Ile Phe Gly Lys Ser Ile Tyr Ala Gln Lys Ser
50 55 60

Gln Gly Arg Val Thr Ile Ser Ala Asp Thr Ser Thr Ser Thr Val Tyr
65 70 75 80

Met Glu Val Thr Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Val Thr Leu Ser Asn Arg Asn Asp Asn Leu Arg Leu Asp Tyr Trp Gly
100 105 110

Gln Gly Thr Thr Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly
115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala
130 135 140

Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp
145 150 155 160

Ser Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln
165 170 175

Ala Pro Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile
180 185 190

Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr
 195 200 205

Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser
 210 215 220

Arg Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu
 225 230 235 240

Thr Val Leu Gly

<210> 2059

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2059

Gly Val Gln Leu Val Glu Ser Gly Gly Gly Leu Gly Lys Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Arg Phe Ser Asp Tyr
 20 25 30

Ala Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ser Ile Thr Gly Ser Gly Gly Gly Thr His Tyr Ala Gly Ser Val
 50 55 60

Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Val Tyr
 65 70 75 80

Leu Gln Met Asn Asn Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Ser Phe Val Leu Asp Tyr Trp Gly Lys Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser Gly Ser Pro Gly
 130 135 140

Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp Val Gly Gly
145 150 155 160

Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys
165 170 175

Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly Val Ser Asn Arg
180 185 190

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
195 200 205

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Thr
210 215 220

Arg Ser Thr Arg Val Phe Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2060

<211> 241

<212> PRT

<213> Homo sapiens

<400> 2060

Gln Val Gln Leu Val Glu Thr Gly Gly Asn Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Pro Thr Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ala Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Ile Tyr Tyr Cys
85 90 95

Thr Leu Thr Trp Ala Thr Asn Thr Phe Asp Met Trp Gly Arg Gly Thr
100 105 110

Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser

115 120 125
 Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val
 130 135 140
 Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg
 145 150 155 160
 Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val
 165 170 175
 Leu Val Ile Tyr Gly Lys Ser Thr Arg Pro Ser Gly Ile Pro Asp Arg
 180 185 190
 Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly
 195 200 205
 Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser
 210 215 220
 Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
 225 230 235 240
 Gly
 <210> 2061
 <211> 240
 <212> PRT
 <213> Homo sapiens
 <400> 2061
 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Arg Phe Ser Asp Tyr
 20 25 30
 Ala Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45
 Ser Ser Ile Thr Gly Ser Gly Gly Gly Thr His Tyr Ala Gly Ser Val
 50 55 60
 Arg Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Val Tyr
 65 70 75 80

Leu Gln Met Asn Asn Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ser Phe Asp Leu Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser Gly Ser Pro Gly
130 135 140

Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp Val Gly Gly
145 150 155 160

Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys
165 170 175

Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly Val Ser Asn Arg
180 185 190

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly
195 200 205

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Thr
210 215 220

Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2062

<211> 246

<212> PRT

<213> Homo sapiens

<400> 2062

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1 5 10 15

Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Gly Ser Leu His Asn Tyr
20 25 30

Ala Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Gly Ile Ile Pro Ile Phe Gly Thr Ala Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Ile Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Gly Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Glu Trp Glu Asp Ile Val Val Gly Ser Ala Phe Asp Ile
100 105 110

Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Asp Ile Gln Met Thr Gln
130 135 140

Ser Pro Ser Thr Leu Ser Ala Ser Ile Gly Asp Arg Val Thr Ile Thr
145 150 155 160

Cys Arg Ala Ser Glu Gly Ile Tyr His Trp Leu Ala Trp Tyr Gln Gln
165 170 175

Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Lys Ala Ser Ser Leu
180 185 190

Ala Ser Gly Ala Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp
195 200 205

Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Asp Asp Phe Ala Thr Tyr
210 215 220

Tyr Cys Gln Gln Tyr Ser Asn Tyr Pro Leu Thr Phe Gly Gly Gly Thr
225 230 235 240

Lys Leu Glu Ile Lys Arg
245

<210> 2063

<211> 243

<212> PRT

<213> Homo sapiens

<400> 2063

Gln Val Arg Leu Val Gln Ser Gly Gly Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Trp Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
 65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Leu Tyr Tyr Cys
 85 90 95

Ala Arg Gly Gly Asp Met Thr Thr Val Thr Thr Asp Tyr Trp Gly Arg
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
 115 120 125

Gly Ser Gly Gly Gly Gly Ser Asp Ile Gln Met Thr Gln Ser Pro Ser
 130 135 140

Thr Leu Ser Ala Ser Ile Gly Asp Arg Val Thr Ile Thr Cys Arg Ala
 145 150 155 160

Ser Glu Gly Ile Tyr His Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly
 165 170 175

Lys Ala Pro Lys Leu Leu Ile Tyr Lys Ala Ser Ser Leu Ala Ser Gly
 180 185 190

Ala Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu
 195 200 205

Thr Ile Ser Ser Leu Gln Pro Asp Asp Phe Ala Thr Tyr Tyr Cys Gln
 210 215 220

Gln Tyr Ser Asn Tyr Pro Leu Thr Phe Gly Gly Gly Thr Lys Leu Glu
 225 230 235 240

Ile Lys Arg

<210> 2064

<211> 243

<212> PRT

<213> Homo sapiens

<400> 2064

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Ala Gly Glu
1 5 10 15

Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Thr Phe Thr Ser Tyr
20 25 30

Gly Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Ser Gly Tyr Asn Ala Asn Thr Thr Tyr Ala Gln Asn Leu
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Asp Val Tyr Tyr Cys
85 90 95

Ala Arg Ala Asp Tyr Ser Asn Asp Tyr Tyr Met Asp Val Trp Gly Lys
100 105 110

Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Gly Gly Gly Gly Ser Asp Ile Gln Met Thr Gln Ser Pro Ser
130 135 140

Thr Leu Ser Ala Ser Ile Gly Asp Arg Val Thr Ile Thr Cys Arg Ala
145 150 155 160

Ser Glu Gly Ile Tyr His Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly
165 170 175

Lys Ala Pro Lys Leu Leu Ile Tyr Lys Ala Ser Ser Leu Ala Ser Gly
180 185 190

Ala Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu
195 200 205

Thr Ile Ser Ser Leu Gln Pro Asp Asp Phe Ala Thr Tyr Tyr Cys Gln
210 215 220

Gln Tyr Ser Asp Tyr Pro Leu Thr Phe Gly Gly Gly Thr Lys Leu Glu
225 230 235 240

Ile Lys Arg

<210> 2065

<211> 249

<212> PRT

<213> Homo sapiens

<400> 2065

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Thr Phe Ser His Tyr
20 25 30

Trp Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Ala Val
35 40 45

Ala Ser Ile Lys Arg Asp Gly Ser Gln Gln Tyr Tyr Leu Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Ser
65 70 75 80

Leu Gln Met Ser Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Val Ala Ala Gly Glu Asp Tyr Trp Gly Arg Gly Thr
100 105 110

Ile Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Ala Ala Ser Ala Gln Ser Val Val Thr Gln Pro
130 135 140

Pro Ser Ala Ser Gly Ser Pro Gly Gln Ser Val Thr Ile Ser Cys Thr

145	150	155	160
Gly Thr Ser Ser Asp Ile Gly Ser Tyr Asn Tyr Val Ser Trp Tyr Gln	165	170	175

Gln His Pro Gly Lys Ala Pro Lys Leu Met Ile Tyr Asp Val Ser Lys
180 185 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Asn
195 200 205

Ser Ala Ser Leu Asp Ile Ser Gly Leu Gln Ser Glu Asp Glu Ala Asp
210 215 220

Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Ser Glu Phe Leu Phe Gly
225 230 235 240

Thr Gly Thr Lys Leu Thr Val Leu Gly
245

<210> 2066

<211> 250

<212> PRT

<213> Homo sapiens

<400> 2066

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Asp Thr Phe Ser Ser Tyr
20 25 30

Ala Phe Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Gly Ile Ile Pro Ile Phe Gly Ala Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Ile Ser Ala Asp Glu Ser Thr Gly Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Pro Ile Tyr Tyr Phe Asp Gly Ser Ala Tyr Glu Gly Tyr
100 105 110

Tyr Phe Asp Tyr Trp Gly Arg Gly Thr Met Val Thr Val Ser Ser Gly
115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ser Glu
130 135 140

Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr Val Arg
145 150 155 160

Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr
165 170 175

Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr Gly Lys Asn
180 185 190

Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly
195 200 205

Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala
210 215 220

Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn His Val Val Phe
225 230 235 240

Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
245 250

<210> 2067

<211> 238

<212> PRT

<213> Homo sapiens

<400> 2067

Glu Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Pro Phe Ser Ala Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Thr Leu Tyr Ala Asp Gly Pro Ile Tyr Tyr Ala Asp Ser Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr Leu Tyr Leu
 65 70 75 80

Gln Met Asn Arg Leu Arg Val Glu Asp Thr Ala Val Tyr Tyr Cys Ala
 85 90 95

Ser Met Asn Ala Asp Ala Phe Glu Ile Trp Gly Gln Gly Thr Met Val
 100 105 110

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu
 130 135 140

Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr
 145 150 155 160

Tyr Thr Asn Trp Phe Gln Gln Lys Pro Gly Gln Ala Pro Leu Leu Val
 165 170 175

Val Tyr Ala Lys Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser
 180 185 190

Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln
 195 200 205

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Ser Ser Arg
 210 215 220

Gly Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235

<210> 2068

<211> 246

<212> PRT

<213> Homo sapiens

<400> 2068

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Glu Pro Gly Ala
 1 5 10 15

Ser Val Lys Ile Ser Cys Glu Ala Ser Gly Tyr Thr Phe Thr Asn Asn
 20 25 30

Phe Ile Asp Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Thr Ile Ser Gly Ser Thr Gly Asn Thr Tyr Tyr Lys Gln Gly Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ala Thr Ser Thr Ala Tyr
65 70 75 80

Leu Glu Val Arg Gly Leu Thr Ser Glu Asp Thr Ala Ile Tyr Phe Cys
85 90 95

Ala Arg Pro Ala Ala Ser Ser Arg Gly Pro Lys Asp Ala Phe Asp Ile
100 105 110

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp
130 135 140

Pro Ala Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln
145 150 155 160

Gly Asp Ser Leu Arg Ser Tyr Tyr Thr Asn Trp Phe Gln Gln Lys Pro
165 170 175

Gly Gln Ala Pro Leu Leu Val Val Tyr Ala Lys Asn Lys Arg Pro Ser
180 185 190

Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser
195 200 205

Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
210 215 220

Asn Ser Arg Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr
225 230 235 240

Lys Leu Thr Val Leu Gly
245

<210> 2069

<211> 244

<212> PRT

<213> Homo sapiens

<400> 2069

Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ser Ser Tyr
 20 25 30

Ala Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Gly Ile Ile Pro Ile Phe Gly Thr Thr Lys His Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Ser Ile Thr Ala Asp Glu Ser Thr Ser Thr Ala Tyr
 65 70 75 80

Met Val Leu Ser Ser Leu Ser Ser Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Ser Arg Pro Thr Asn Arg Ala Phe His Tyr Trp Gly Gln
 100 105 110

Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
 115 120 125

Gly Ser Gly Gly Gly Gly Ser Ala Gln Pro Val Leu Thr Gln Pro Pro
 130 135 140

Ser Val Ser Val Ser Pro Gly Gln Thr Ala Ser Ile Thr Cys Ser Gly
 145 150 155 160

Asp Lys Leu Gly Asp Val Tyr Thr Ser Trp Tyr Gln Gln Lys Ser Gly
 165 170 175

Gln Ser Pro Val Leu Val Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly
 180 185 190

Ile Pro Gly Arg Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu
 195 200 205

Thr Ile Thr Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Phe Cys Gln
 210 215 220

Ala Trp Asp Thr Arg Asn Ala Trp Ile Phe Gly Gly Gly Thr Lys Val
 225 230 235 240

Thr Val Leu Gly

<210> 2070

<211> 248

<212> PRT

<213> Homo sapiens

<400> 2070

Glu Val Gln Leu Val Glu Thr Gly Gly Gly Leu Val Lys Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asn Ala
 20 25 30

Trp Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Gly Arg Ile Lys Thr Lys Thr Asp Gly Gly Thr Thr Asp Tyr Ala Ala
 50 55 60

Pro Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr
 65 70 75 80

Val Tyr Leu Gln Met Asn Ser Leu Gln Ser Glu Asp Thr Gly Val Tyr
 85 90 95

Tyr Cys Thr Thr Leu His Cys Thr Gly Gly Ser Cys Gly Phe Trp Gly
 100 105 110

Gln Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Gly Gly Gly Ser Ala Gln Ser Val Val Thr Gln Pro
 130 135 140

Pro Ser Ala Ser Ala Thr Pro Gly Gln Arg Val Thr Ile Ser Cys Ser
 145 150 155 160

Gly Thr Thr Ser Asn Ile Gly Ile Asn Thr Val Asn Trp Tyr Gln Gln
 165 170 175

Leu Pro Gly Thr Ala Pro Arg Leu Leu Ile Tyr Gly Asp Ser Gln Arg

180

185

190

Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr Ser
 195 200 205

Ala Ser Leu Ala Ile Ser Glu Leu Gln Ser Glu Asp Glu Ala Asp Tyr
 210 215 220

Phe Cys Ala Val Trp Asp Asp Ser Leu Asn Gly Val Ile Phe Gly Gly
 225 230 235 240

Gly Thr Lys Val Thr Val Leu Gly
 245

<210> 2071

<211> 248

<212> PRT

<213> Homo sapiens

<400> 2071

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ile Ile Thr Gly Asn
 20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Pro Glu Trp Met
 35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Ala Thr Lys Tyr Ala Gln Asn Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Val Arg Asp Asp Ser Ala Gly Phe Asp Tyr Trp Gly Lys Gly
 100 105 110

Thr Leu Val Thr Val Ser Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Leu Thr Gln Pro Pro Ser
 130 135 140

Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys Thr Gly Ser
145 150 155 160

Ser Ser Asn Ile Gly Ala Gly Tyr Ala Val His Trp Tyr Gln Gln Leu
165 170 175

Pro Gly Thr Ala Pro Arg Leu Leu Ile Tyr Gly Asn Thr Asn Arg Pro
180 185 190

Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Ala Thr Ser Gly
195 200 205

Ser Leu Ala Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Glu Tyr Phe
210 215 220

Cys Gln Ser Tyr Asp Thr Ser Leu Ser Gly Ala Phe Val Phe Gly Thr
225 230 235 240

Gly Thr Lys Val Thr Val Leu Gly
245

<210> 2072

<211> 247

<212> PRT

<213> Homo sapiens

<400> 2072

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Thr
1 5 10 15

Ser Val Lys Val Ser Cys Gln Ala Ser Gly Gly Ser Leu Ser Arg Tyr
20 25 30

Ala Phe Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Pro Glu Trp Leu
35 40 45

Gly Gly Ile Ile Pro Thr Phe Gly Thr Ala His Tyr Ala Gln Lys Phe
50 55 60

Gln Asp Arg Val Thr Ile Ser Ala Asp Glu Ser Thr Ser Thr Val Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Thr Ser Asp Asp Thr Ala Ile Tyr Phe Cys
85 90 95

Ala Arg Val Leu Val Arg Gly Gln Tyr Arg Gly Met Asp Leu Cys Cys
 100 105 110

Lys Gly Thr Met Val Val Val Thr Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Ala Leu Tyr Ser Glu Leu Thr Gln
 130 135 140

Asp Pro Thr Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys
 145 150 155 160

His Gly Asp Ser Leu Lys Asn Tyr His Ala Ser Trp Tyr Gln Gln Lys
 165 170 175

Ser Gly Gln Ala Pro Val Leu Val Ile Tyr Ser Asn Asn Lys Arg Pro
 180 185 190

Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr Ser Ala
 195 200 205

Ser Leu Thr Ile Ser Gly Ala Gln Ser Glu Asp Glu Ala Asp Tyr Tyr
 210 215 220

Cys Ser Ala Arg Asp Ser Ser Gly Ser His Val Ile Phe Gly Ala Gly
 225 230 235 240

Thr Lys Val Thr Val Leu Gly
 245

<210> 2073
 <211> 250
 <212> PRT
 <213> Homo sapiens

<400> 2073
 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ser Ser Tyr
 20 25 30

Ala Leu Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Ile Phe Ile Pro Ile Phe Gly Thr Glu Tyr Tyr Ala Glu Arg Phe
50 55 60

Gln Gly Arg Val Thr Ile Thr Ala Asp Glu Ser Thr Asn Thr Ala Tyr
65 70 75 80

Leu Asp Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Asp Tyr Thr Asp Tyr Glu Met Gly Ala Phe Asp Leu Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Ser Gly
115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln
130 135 140

Pro Ser Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys
145 150 155 160

Thr Gly Ser Ser Ser Asn Ile Gly Ala Gly Tyr Asp Val His Trp Tyr
165 170 175

Gln Gln Leu Pro Gly Lys Gly Pro Lys Val Leu Met Tyr Asp Asn Asn
180 185 190

Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly
195 200 205

Ala Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala
210 215 220

Asp Tyr Tyr Cys Gln Ser Tyr Asp Ser Ser Leu Asp Gly Tyr Val Phe
225 230 235 240

Gly Thr Gly Thr Lys Val Thr Val Leu Gly
245 250

<210> 2074

<211> 250

<212> PRT

<213> Homo sapiens

<400> 2074

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala

1	5	10	15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Ser Thr Ile Tyr	20	25	30
His Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met	35	40	45
Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Ser Tyr Ala Gln Lys Phe	50	55	60
Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr	65	70	75
Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys	85	90	95
Ala Arg Asp Arg Ile Ala Ala Ala Gly Gly Asp Ala Phe Asp Ile Trp	100	105	110
Gly Arg Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly	115	120	125
Gly Gly Gly Ser Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln	130	135	140
Pro Ser Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys	145	150	155
Thr Gly Ser Ser Ser Asn Ile Gly Asp Gly Tyr Asp Val His Trp Tyr	165	170	175
Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asn Thr	180	185	190
Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp	195	200	205
Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Val Glu Asp Glu Ala	210	215	220
Asp Tyr Phe Cys His Ser Tyr Asp Ser Ser Met Ser Gly Trp Ile Phe	225	230	235
			240

Gly Gly Gly Thr Lys Val Thr Val Leu Gly
245 250

<210> 2075

<211> 246

<212> PRT

<213> Homo sapiens

<400> 2075

Glu Val Gln Leu Val Glu Thr Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Thr Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Tyr Tyr
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Thr Thr Ser Tyr Ser Gly Glu Asn Thr Phe Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Ile Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Ser Arg Leu Thr Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Lys Asp Leu Tyr Lys Asn Gly Tyr Ala Leu Phe Asp Ser Trp Gly
100 105 110

Arg Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly
115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Ala Leu Asp Val Val Met Thr Gln
130 135 140

Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp Gly Val Thr Ile Thr
145 150 155 160

Cys Arg Ala Ser Gln Ser Ile Ser Asn His Leu Ser Trp Tyr Gln Gln
165 170 175

Lys Pro Gly Lys Ala Pro Asn Val Leu Ile Tyr Ala Ala Ser Ser Leu
180 185 190

Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp

195 200 205
 Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Ser Ala Ile Tyr
 210 215 220
 Tyr Cys Gln Gln Ser Tyr Asp Thr Pro Pro Thr Phe Gly Gln Gly Thr
 225 230 235 240
 Arg Leu Glu Ile Lys Arg
 245
 <210> 2076
 <211> 247
 <212> PRT
 <213> Homo sapiens
 <400> 2076
 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15
 Ser Val Lys Val Ser Cys Arg Ala Ser Gly Tyr Thr Phe Ala Ser Tyr
 20 25 30
 Phe Leu His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Ile Ile Asn Pro Asn Gly Gly Ile Thr Arg Tyr Ala Gln Lys Phe
 50 55 60
 Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
 65 70 75 80
 Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Arg Asp Glu Tyr Ser Ser Leu Tyr Met Asp Val Trp Gly Arg Gly
 100 105 110
 Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125
 Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln Pro Ser Ser
 130 135 140
 Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys Ala Gly Ser
 145 150 155 160

Ser Ser Asn Ile Gly Ala Gly Tyr Asp Val Gln Trp Tyr Gln Gln Leu
165 170 175

Pro Gly Thr Ala Pro Lys Leu Leu Ile His Asn Asn Asn Asn Arg Pro
180 185 190

Ser Gly Val Pro Asp Arg Phe Ser Gly Ala Lys Ser Gly Ser Ser Ala
195 200 205

Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr
210 215 220

Cys Gln Ser Phe Asp Ser Ser Leu Ser Arg Trp Val Phe Gly Gly Gly
225 230 235 240

Thr Lys Leu Thr Val Leu Gly
245

<210> 2077

<211> 246

<212> PRT

<213> Homo sapiens

<400> 2077

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Ile Ser Cys Thr Ala Ser Gly Phe Thr Phe Lys Asp Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Leu Ile Tyr Tyr Asp Gly Ser Lys Glu Tyr Tyr Ala Asp Ser Val
50 55 60

Gln Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Arg Asn Ala Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Val Ser Phe Gly Ala Gly Arg Leu Tyr Asp Asp Tyr Trp Gly Arg Gly
100 105 110

Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gly Gly Gly Gly Ser Ala Gln Ser Ala Leu Thr Gln Pro Ala Ser
 130 135 140

Val Ser Gly Ser Pro Gly Gln Ser Ile Thr Leu Ser Cys Thr Gly Thr
 145 150 155 160

Ser Ser Asp Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His
 165 170 175

Pro Gly Lys Ala Pro Glu Leu Leu Ile Tyr Asp Val Thr Asn Arg Pro
 180 185 190

Ser Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala
 195 200 205

Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr
 210 215 220

Cys Asn Ser Tyr Thr Gly Ser Asn Thr Trp Val Phe Gly Gly Gly Thr
 225 230 235 240

Lys Leu Thr Val Leu Gly
 245

<210> 2078

<211> 249

<212> PRT

<213> Homo sapiens

<400> 2078

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Arg Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
 20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Ser Asn Asn Asn Gly Lys Thr Tyr Tyr Ala Gln Lys Val
 50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Asp Tyr
65 70 75 80

Met Glu Leu Arg Gly Leu Arg Ser Asp Asp Thr Ala Ile Tyr Tyr Cys
85 90 95

Ala Arg Asp Asn Gly Gly Gly Thr Ile Gly Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Leu Thr Gln Pro Pro
130 135 140

Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys Thr Gly
145 150 155 160

Ser Ser Ser Asn Ile Gly Ala Asp Tyr Asp Val His Trp Tyr Gln Leu
165 170 175

Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asn Thr Asn Arg
180 185 190

Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr Ser
195 200 205

Ala Ser Leu Thr Ile Ala Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr
210 215 220

Tyr Cys Gln Ser Tyr Asp Ser Ser Leu Ser Gly Ser Val Val Phe Gly
225 230 235 240

Gly Gly Thr Lys Leu Thr Val Leu Gly
245

<210> 2079

<211> 246

<212> PRT

<213> Homo sapiens

<400> 2079

Glu Val Gln Leu Val Gln Ser Gly Ala Gly Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Gln Ala Ser Gly Tyr Thr Phe Thr Gly Phe

[illegible]

<210> 2080

<211> 256

<212> PRT

<213> Homo sapiens

<400> 2080

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Pro Phe Thr His Tyr
 20 25 30

Gly Val Asn Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Ser Ala Tyr Asn Gly Lys Thr His Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Thr Thr Val Tyr
 65 70 75 80

Met Asp Val Arg Gly Leu Thr Thr Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Ile Leu Pro Asp Tyr Asp Phe Trp Asn Pro Asn Glu Asp
 100 105 110

Ala Ser Ser Leu Asp Thr Trp Gly Lys Gly Thr Leu Val Thr Val Ser
 115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 130 135 140

Ala Gln Ser Ala Leu Thr Gln Pro Ala Ser Val Ser Gly Ser Pro Gly
 145 150 155 160

Gln Ser Ile Thr Ile Ser Cys Ser Gly Thr Ser Ser Asp Val Gly Thr
 165 170 175

Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys
 180 185 190

Leu Met Ile Tyr Asp Val Asn Asn Arg Pro Ser Gly Val Ser His Arg
 195 200 205

Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly

210

215

220

Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Tyr Thr Thr
 225 230 235 240

Ile Ser Thr Tyr Val Phe Gly Thr Gly Thr Lys Leu Thr Val Leu Gly
 245 250 255

<210> 2081

<211> 262

<212> PRT

<213> Homo sapiens

<400> 2081

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ile Tyr Asn Ile Tyr
 20 25 30

Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ser Ile Ser Ser Ser Ser Ser Tyr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Phe Gln Met Val Arg Gly Val Phe Ile Ala Asn Pro Pro
 100 105 110

Ile Tyr Asn Tyr Tyr Gly Met Asp Val Trp Gly Lys Gly Thr Thr Val
 115 120 125

Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly
 130 135 140

Gly Gly Ser Ala Leu Glu Ile Val Met Thr Gln Ser Pro Leu Ser Leu
 145 150 155 160

Pro Val Thr Pro Gly Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln
 165 170 175

Ser Leu Leu His Ser Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln
 180 185 190

Lys Pro Gly Gln Ser Pro Gln Leu Leu Ile Tyr Leu Gly Ser Asn Arg
 195 200 205

Ala Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp
 210 215 220

Phe Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr
 225 230 235 240

Tyr Cys Met Gln Ala Leu Gln Thr Pro Leu Thr Phe Gly Gly Gly Thr
 245 250 255

Lys Val Glu Ile Lys Arg
 260

<210> 2082

<211> 254

<212> PRT

<213> Homo sapiens

<400> 2082

Gln Val Gln Leu Val Gln Ser Gly Ala Asp Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Arg Val Ser Cys Lys Ala Ser Gly Tyr Thr Tyr Thr Ser His
 20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp Met
 35 40 45

Gly Val Ile Asn Pro Ser Gly Gly Ala Thr Asn Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ser Thr Thr Val Tyr
 65 70 75 80

Met Glu Leu Ser Ser Leu Arg phe Glu Asp Thr Ala Ile Tyr Tyr Cys
 85 90 95

Val Arg Asp Ala Asp Glu Gly Leu Val Glu Ala Glu Thr Thr Asn Trp
 100 105 110

Phe Asp Ser Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser Gly Gly
 115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser
 130 135 140

Val Leu Thr Gln Pro Pro Ser Val Ser Gly Ala Pro Gly Gln Arg Val
 145 150 155 160

Thr Ile Ser Cys Thr Gly Gly Ser Ser Asn Ile Gly Ala Ser Tyr Asp
 165 170 175

Val Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
 180 185 190

Ser Gly Asn Thr Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
 195 200 205

Ser Asn Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala
 210 215 220

Glu Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Asn Ser Leu Ser
 225 230 235 240

Gly Trp Val Phe Gly Gly Gly Thr Lys Val Thr Val Leu Gly
 245 250

<210> 2083

<211> 258

<212> PRT

<213> Homo sapiens

<400> 2083

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
 1 5 10 15

Thr Leu Ser Leu Thr Cys Asp Ile Ser Gly Asp Ser Val Ser Ser Asn
 20 25 30

Ser Ala Ala Trp Asn Trp Ile Arg Gln Ser Pro Ser Arg Gly Leu Glu
 35 40 45

Trp Leu Gly Arg Thr Tyr Tyr Arg Ser Lys Trp Tyr Thr Asp Tyr Ala
 50 55 60

Glu Ser Val Lys Ser Arg Leu Ala Ile Asn Pro Asp Thr Ser Lys Asn
65 70 75 80

Gln Phe Ser Leu Gln Leu Ser Ser Val Thr Pro Glu Asp Thr Ala Val
85 90 95

Tyr Tyr Cys Ala Arg Ala Thr Lys Ser Tyr Asp Ile Leu Thr Arg Met
100 105 110

Tyr Tyr Tyr His Met Asp Val Trp Gly Gln Gly Thr Leu Val Thr Val
115 120 125

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
130 135 140

Ser Ala Gln Ala Val Leu Thr Gln Pro Ser Ser Ala Ser Gly Thr Pro
145 150 155 160

Gly Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly
165 170 175

Ser Asn Thr Val Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys
180 185 190

Leu Leu Ile Tyr Gly Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg
195 200 205

Phe Ser Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly
210 215 220

Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp
225 230 235 240

Ser Leu Ser Val Pro Trp Val Phe Gly Thr Gly Thr Lys Leu Thr Val
245 250 255

Leu Gly

<210> 2084
<211> 242
<212> PRT
<213> Homo sapiens

<400> 2084
Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala

1	5	10	15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Gly Ser Tyr	20	25	30
Trp Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met	35	40	45
Gly Thr Ile Asn Pro Ser Ser Gly Ser Thr Ser Tyr Thr Gln Lys Phe	50	55	60
Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr	65	70	75
Met Glu Leu Ser Arg Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys	85	90	95
Ala Arg Asp Arg Thr Arg Met Asp Val Trp Gly Gln Gly Thr Leu Val	100	105	110
Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly	115	120	125
Gly Gly Ser Ala Leu Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser	130	135	140
Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu	145	150	155
Arg Thr Tyr Tyr Ala Asn Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro	165	170	175
Val Val Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp	180	185	190
Arg Phe Ser Gly Ser Ser Ser Gly Tyr Thr Ala Ser Leu Thr Ile Thr	195	200	205
Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Gly Asp	210	215	220
Arg Ser Gly Asn His Tyr Val Phe Gly Thr Gly Thr Lys Leu Thr Val	225	230	235
			240

Leu Gly

<210> 2085

<211> 249

<212> PRT

<213> Homo sapiens

<400> 2085

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Leu Lys Gln Pro Gly Thr
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ser Phe Ser Ser Tyr
 20 25 30

Gly Val Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Val Ser Gly Asn Arg Gly Asn Thr Gln Tyr Ala Gln Lys Phe
 50 55 60

Gln Asp Arg Val Arg Met Thr Thr Asp Thr Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Arg Ser Leu Arg Pro Asp Asp Thr Val Val Tyr Phe Cys
 85 90 95

Ala Arg Val Gly Ile Lys Ala Ala Ala Val Asp Asn Phe Glu Tyr Trp
 100 105 110

Gly Arg Gly Thr Thr Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly
 115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Leu Thr Gln
 130 135 140

Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile Thr Cys
 145 150 155 160

Ser Gly Ser Ser Ser Asn Ile Gly Asp Tyr Tyr Val Asn Trp Tyr Gln
 165 170 175

Gln Val Ser Gly Thr Thr Pro Lys Leu Ile Ile Tyr Arg Asp Asp Gln
 180 185 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ala

195 200 205
 Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser Glu Asp Glu Ala Asn
 210 215 220
 Tyr Phe Cys Ala Ala Trp Asp Asp Ser Leu Arg Glu Phe Ala Phe Gly
 225 230 235 240
 Thr Gly Thr Lys Val Thr Val Leu Gly
 245
 <210> 2086
 <211> 248
 <212> PRT
 <213> Homo sapiens
 <400> 2086
 Glu Val Gln Leu Val Gln Ser Gly Pro Glu Val Lys Thr Pro Gly Ala
 1 5 10 15
 Ser Val Arg Val Ser Cys Lys Pro Ser Gly Tyr Thr Val Ala Asn His
 20 25 30
 Gly Ile Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Trp Val Ser Leu Tyr Asn Gly Asn Ala Lys Ser Ala Gln Lys Phe
 50 55 60
 Gln Asp Arg Val Thr Met Thr Ala Asp Thr Ser Thr Ala Thr Ala Tyr
 65 70 75 80
 Leu Asp Leu Lys Ser Leu Arg Tyr Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Val Arg Asp Glu Ile Tyr Asn Asp Ala Phe Asp Tyr Trp Gly Lys Gly
 100 105 110
 Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125
 Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Val Thr Gln Pro Pro Ser
 130 135 140
 Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys Thr Gly Ser
 145 150 155 160

Ser Ser Asn Ile Gly Ala Gly Phe Asp Val Gln Trp Tyr Gln His Leu
165 170 175

Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asp Asn Asn Arg Pro
180 185 190

Ser Gly Val Pro Asp Arg Phe Ser Ala Ser Lys Ser Gly Thr Ser Ala
195 200 205

Ser Leu Ala Ile Thr Gly Leu His Val Asp Asp Glu Ala Asp Tyr Tyr
210 215 220

Cys Gln Ser Tyr Asp Ser Gly Leu Gly Gly Ser Tyr Val Phe Gly Thr
225 230 235 240

Gly Thr Lys Val Thr Val Leu Gly
245

<210> 2087

<211> 255

<212> PRT

<213> Homo sapiens

<400> 2087

Glu Val Gln Leu Val Gln Ser Gly Pro Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Arg Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Ile Ile Asn Pro Ser Ala Gly Tyr Thr Ser Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Ile Met Thr Arg Asp Thr Ser Thr Ser Thr Leu Tyr
65 70 75 80

Met Asp Leu Asn Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys
85 90 95

Ala Arg Asp Gly Asp Ile Ser Asp Ser Pro Ile Asn Asn Gln Asn Tyr
100 105 110

Ala Met Asp Ile Trp Gly Arg Gly Thr Met Val Thr Val Ser Ser Gly
115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln
130 135 140

Ser Val Leu Thr Gln Pro Ser Ser Val Ser Gly Ala Pro Gly Gln Arg
145 150 155 160

Val Thr Ile Ser Cys Thr Gly Ser Ser Ser Asn Ile Gly Ala Gly Tyr
165 170 175

Asn Val His Trp Tyr His Gln Leu Pro Gly Thr Ala Pro Gln Leu Leu
180 185 190

Ile Tyr Gly Asn Ile Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser
195 200 205

Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Thr Ile Thr Gly Leu Gln
210 215 220

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Thr Ser Leu
225 230 235 240

Ser Gly Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
245 250 255

<210> 2088

<211> 248

<212> PRT

<213> Homo sapiens

<400> 2088

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Arg Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Ser Tyr
20 25 30

Trp Ile Ser Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
35 40 45

Gly Arg Ile Asp Pro Ser Asp Ser Tyr Thr Asn Tyr Ser Pro Ser Phe
50 55 60

Gln Gly His Val Thr Ile Ser Ala Asp Arg Ser Ile Ser Thr Ala Tyr
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Ile Tyr Tyr Cys
85 90 95

Ala Arg Arg Gly Gly Thr Ser Glu Asn Tyr Ser Gly Met Asp Val Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly
115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Leu Ser Ser Glu Leu Thr
130 135 140

Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr
145 150 155 160

Cys Gln Gly Asp Ser Leu Arg Thr Tyr Tyr Ala Asn Trp Tyr Gln Gln
165 170 175

Lys Pro Gly Gln Ala Pro Val Val Val Ile Tyr Gly Lys Asn Asn Arg
180 185 190

Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Tyr Thr
195 200 205

Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr
210 215 220

Tyr Cys Asn Ser Gly Asp Arg Ser Gly Asn His Tyr Val Phe Gly Thr
225 230 235 240

Gly Thr Lys Leu Thr Val Leu Gly
245

<210> 2089

<211> 245

<212> PRT

<213> Homo sapiens

<400> 2089

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Ala Lys Lys Pro Gly Ala
1 5 10 15

Ser Leu Gln Ile Ser Cys Lys Ala Ser Gly Tyr Asn Phe Ile Ser Tyr

20	25	30
Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met		
35	40	45
Gly Val Ile Tyr Pro Asn Gly Gly Ala Thr Phe Tyr Ala Gln Lys Phe		
50	55	60
Gln Ser Arg Val Ala Met Ser Arg Asp Thr Ser Thr His Thr Val Tyr		
65	70	75
Met Asp Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys		
85	90	95
Val Arg Asp Tyr Pro His Asn Ala Phe Asp Ile Trp Gly Arg Gly Thr		
100	105	110
Thr Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser		
115	120	125
Gly Gly Gly Gly Ser Ala Gln Ser Ala Leu Thr Gln Pro Ala Ser Val		
130	135	140
Ser Gly Ser Pro Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser		
145	150	155
Ser Asp Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln His His Pro		
165	170	175
Gly Lys Ala Pro Lys Leu Met Ile Tyr Glu Val Asn Asn Arg Pro Ser		
180	185	190
Gly Ile Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser		
195	200	205
Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys		
210	215	220
Ser Ser Tyr Thr Ser Ser Thr Thr Leu Val Phe Gly Gly Gly Thr Lys		
225	230	235
Val Thr Val Leu Gly		
245		

<210> 2090

<211> 258

<212> PRT

<213> Homo sapiens

<400> 2090

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Leu Ser Cys Lys Ala Ser Ala Tyr Thr Phe Tyr Ser Tyr
 20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Thr Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
 65 70 75 80

Met Gln Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Val Arg Ser Asp Arg Phe Trp Ser Gly Gly Tyr Phe His
 100 105 110

Tyr Ser Gly Met Asp Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser
 115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 130 135 140

Ala Gln Ser Ala Leu Thr Gln Pro Ala Ser Val Ser Gly Ser Pro Gly
 145 150 155 160

Gln Ser Val Thr Ile Ser Cys Ala Gly Thr Ser Ser Asp Ile Gly Gly
 165 170 175

His Asp Phe Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys
 180 185 190

Leu Met Ile Tyr Asp Val Ser Lys Arg Pro Ser Gly Ile Ser His Arg
 195 200 205

Phe Ala Ala Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly

210 215 220
 Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Tyr Thr Thr
 225 230 235 240

 Ile Ser Ser Thr Phe Arg Val Phe Gly Gly Gly Thr Lys Val Thr Val
 245 250 255

 Leu Gly

 <210> 2091
 <211> 248
 <212> PRT
 <213> Homo sapiens

 <400> 2091
 Glu Val Gln Leu Val Gln Ala Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr
 20 25 30

 Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

 Gly Ile Ile Asn Pro Ser Gly Gly Ser Thr Ser Tyr Ala Gln Lys Phe
 50 55 60

 Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
 65 70 75 80

 Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Phe Cys
 85 90 95

 Ala Arg Ser Thr Leu Glu Val Gly Ala Thr Asp Phe Asp Tyr Trp Gly
 100 105 110

 Gln Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

 Gly Gly Ser Gly Gly Gly Ser Ala Leu Pro Val Leu Thr Gln Pro
 130 135 140

 Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile Ser Cys Ser
 145 150 155 160

Gly Ser Thr Ser Asn Ile Gly Ile Asn Tyr Val Tyr Trp Tyr Gln Gln
 165 170 175

Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Arg Asn Asn Gln Arg
 180 185 190

Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr Ser
 195 200 205

Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser Glu Asp Glu Ala Glu Tyr
 210 215 220

Tyr Cys Ala Ala Trp Asp Asp Ser Leu Ser Gly Tyr Val Phe Gly Ile
 225 230 235 240

Gly Thr Lys Val Thr Val Leu Gly
 245

<210> 2092

<211> 247

<212> PRT

<213> Homo sapiens

<400> 2092

Glu Val Gln Leu Val Glu Thr Gly Gly Gly Leu Val Gln Ser Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Gly Phe Ser Phe Ser Asn Tyr
 20 25 30

Trp Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Asn Ile Lys Lys Asp Gly Thr Asp Thr Arg Tyr Val Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Val Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Tyr Ser Leu Arg Val Glu Asp Thr Ala Asn Tyr Tyr Cys
 85 90 95

Ala Arg Ser Asp Asp Trp Gly Ala Tyr His Ile Trp Gly Arg Gly Thr
 100 105 110

Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser
115 120 125

Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln Pro Ser Ser Val
130 135 140

Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys Thr Gly Ser Ser
145 150 155 160

Ser Asn Ile Gly Ala Gly Tyr Asp Val His Trp Tyr Gln Gln Leu Pro
165 170 175

Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asn Ser Asn Arg Pro Ser
180 185 190

Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Thr Ser Ala Ser
195 200 205

Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
210 215 220

Gln Ser Tyr Asp Ser Ser Leu Ser Gly Ser Val Val Phe Gly Gly Gly
225 230 235 240

Thr Lys Val Thr Val Leu Gly
245

<210> 2093

<211> 250

<212> PRT

<213> Homo sapiens

<400> 2093

Gln Val Gln Leu Val Gln Ser Gly Thr Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Met Lys Val Ser Cys Lys Ser Ser Gly Tyr Thr Phe Thr Asn Tyr
20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Ile Ile Asp Pro Thr Ser Gly Arg Thr Val Tyr Ala Gln Arg Phe
50 55 60

Lys Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
65 70 75 80

Met Glu Leu Thr Ser Leu Lys Ser Gly Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Arg Gly Gly Arg Asp Gly Asp Tyr Ala Leu Asp Phe Trp
100 105 110

Gly Arg Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly
115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln
130 135 140

Pro Ser Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys
145 150 155 160

Thr Gly Ser Ser Ser Asn Ile Gly Asp Gly Tyr Asp Val His Trp Tyr
165 170 175

Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asn Ser
180 185 190

His Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp
195 200 205

Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Val Glu Asp Glu Ala
210 215 220

Asp Tyr Phe Cys His Ser Tyr Asp Ser Ser Val Ser Gly Trp Ile Phe
225 230 235 240

Gly Gly Thr Lys Val Thr Val Leu Gly
245 250

<210> 2094

<211> 248

<212> PRT

<213> Homo sapiens

<400> 2094

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr

20	25	30
Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met		
35	40	45
Gly Ile Ile Asn Pro Asn Gly Gly Arg Val Ser Tyr Ala Gln Lys Phe		
50	55	60
Gln Asp Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr		
65	70	75
Met Asp Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys		
85	90	95
Ala Arg Glu Leu Val Gly Ala Pro Gly Gly Phe Asp Pro Trp Gly Arg		
100	105	110
Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly		
115	120	125
Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln Pro Ser		
130	135	140
Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys Thr Gly		
145	150	155
Ser Ser Ser Asn Ile Gly Thr Gly Tyr Asp Val His Trp Tyr Gln His		
165	170	175
Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asp Thr Asn Arg		
180	185	190
Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp Thr Ser		
195	200	205
Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala Glu Tyr		
210	215	220
Tyr Cys Gln Ser Tyr Asp Ser Ser Arg Arg Gly Tyr Val Phe Gly Thr		
225	230	235
Gly Thr Lys Val Thr Val Leu Gly		
245		

<210> 2095

<211> 250

<212> PRT

<213> Homo sapiens

<400> 2095

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Gly Thr Phe Ser Ser Tyr
 20 25 30

Ala Leu Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Ile Phe Ile Pro Ile Phe Gly Thr Glu Tyr Tyr Ala Glu Arg Phe
 50 55 60

Gln Gly Arg Val Thr Ile Thr Ala Asp Glu Ser Thr Asn Thr Ala Tyr
 65 70 75 80

Leu Asp Leu Ser Ser Leu Arg Ser Glu Asp Thr Val Val Tyr Tyr Cys
 85 90 95

Ala Arg Val Asp Tyr Thr Asp Tyr Glu Met Gly Ala Phe Asp Leu Trp
 100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly
 115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln
 130 135 140

Pro Ser Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys
 145 150 155 160

Thr Gly Ser Ser Ser Asn Ile Gly Ala Gly Tyr Asp Val His Trp Tyr
 165 170 175

Gln Gln Leu Pro Gly Lys Gly Pro Lys Val Leu Met Tyr Asp Asn Asn
 180 185 190

Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly
 195 200 205

Ala Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala

210 215 220

Asp Tyr Tyr Cys Gln Ser Tyr Asp Ser Ser Leu Asp Gly Tyr Val Phe
 225 230 235 240

Gly Thr Gly Thr Lys Val Thr Val Leu Gly
 245 250

<210> 2096
 <211> 249
 <212> PRT
 <213> Homo sapiens

<400> 2096
 Gln Leu Gln Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Glu Phe Ile Phe Ser Asp His
 20 25 30

Tyr Val Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Arg Ser Arg Asp Lys Ala Gly Arg Tyr Thr Thr Glu Tyr Ala Ala
 50 55 60

Ser Val Lys Gly Arg Phe Ile Val Ser Arg Asp Asp Ala Arg Asp Ser
 65 70 75 80

Val Tyr Leu Gln Met Asn Ser Leu Lys Val Glu Asp Thr Ala Val Tyr
 85 90 95

Tyr Cys Ala Arg Ser Val Ala Gly Arg Gly Asn Phe Asp Tyr Trp Gly
 100 105 110

Gln Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Ala Leu Ser Ser Glu Leu Thr Gln
 130 135 140

Asp Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile Ser Cys
 145 150 155 160

Ser Gly Ser Gly Ser Asn Ile Gly Ser Asn Tyr Val Tyr Trp Tyr Gln
 165 170 175

Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Arg Ser Thr Gln
 180 185 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Ala Ser Lys Ser Gly Thr
 195 200 205

Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser Asp Asp Glu Ala Asp
 210 215 220

Tyr Tyr Cys Ala Thr Trp Asp Asp Ser Leu Ser Gly Tyr Val Phe Gly
 225 230 235 240

Pro Gly Thr Lys Val Thr Val Leu Gly
 245

<210> 2097^

<211> 250

<212> PRT

<213> Homo sapiens

<400> 2097

Glu Val Gln Leu Val Gln Ser Gly Thr Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Leu Lys Val Ser Cys Lys Ser Ser Gly Tyr Thr Phe Thr Asn Tyr
 20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Ile Ile Asp Pro Thr Ser Gly Arg Thr Val Tyr Ala Gln Arg Phe
 50 55 60

Lys Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Ser Thr Val Tyr
 65 70 75 80

Met Glu Leu Thr Ser Leu Lys Ser Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Arg Gly Gly Arg Asp Gly Asp Tyr Ala Leu Asp Phe Trp
 100 105 110

Gly Arg Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly
 115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Val Thr Gln
130 135 140

Pro Pro Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile Ser Cys
145 150 155 160

Thr Gly Ser Ser Ser Asn Ile Gly Asp Gly Tyr Asp Val His Trp Tyr
165 170 175

Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Gly Asn Ser
180 185 190

His Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Asp
195 200 205

Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Val Glu Asp Glu Ala
210 215 220

Asp Tyr Phe Cys His Ser Tyr Asp Ser Ser Val Ser Gly Trp Ile Phe
225 230 235 240

Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
245 250

<210> 2098

<211> 253

<212> PRT

<213> Homo sapiens

<400> 2098

Glu Val Gln Leu Val Gln Ser Gly Ala Ala Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Thr Tyr
20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Ile Ile Asn Pro Val Asn Gly Asn Thr Ile Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Gly Thr Val Asn
65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Phe Tyr Cys
85 90 95

Val Arg Glu Gly Gly Asp Ala Tyr Asp Val Ala Pro Tyr Tyr Phe
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly
115 120 125

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val
130 135 140

Leu Thr Gln Gln Ser Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr
145 150 155 160

Ile Ser Cys Thr Gly Ser Ser Ser Asn Ile Gly Asp Gly Tyr Asp Val
165 170 175

His Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr
180 185 190

Gly Asn Ser His Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
195 200 205

Lys Ser Asp Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Val Glu
210 215 220

Asp Glu Ala Asp Tyr Phe Cys His Ser Tyr Asp Ser Ser Val Ser Asp
225 230 235 240

Trp Ile Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
245 250

<210> 2099

<211> 242

<212> PRT

<213> Homo sapiens

<400> 2099

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Asp Tyr
20 25 30

Phe Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met

35

40

45

Gly Trp Ile Asn Pro Lys Asn Gly Gly Thr Tyr Phe Ala Gln Asp Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Gly Asp Thr Ser Ile Ala Thr Ala Phe
 65 70 75 80

Met Glu Leu Ser Gly Leu Lys Ser Asp Asp Thr Ala Ile Tyr Tyr Cys
 85 90 95

Ala Thr Asp Pro Phe Asp Tyr Trp Gly Arg Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Ala Leu Ser Tyr Glu Leu Thr Gln Pro Pro Ser Val Ser Gly Thr
 130 135 140

Pro Gly Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Asn Ser Asn Ile
 145 150 155 160

Gly Ile Asn Ala Val Asn Trp Tyr Lys Gln Leu Pro Gly Thr Ala Pro
 165 170 175

Lys Leu Leu Ile Tyr Asn Asn Asn Gln Arg Pro Ser Trp Val Arg Asp
 180 185 190

Arg Phe Ser Gly Ser Lys Asp Gly Thr Ser Val Ser Leu Ala Ile Ser
 195 200 205

Gly Leu Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp
 210 215 220

Asp Ser Leu Asn Ala Tyr Val Phe Gly Gly Gly Thr Lys Val Thr Val
 225 230 235 240

Leu Gly

<210> 2100

<211> 252

<212> PRT

<213> Homo sapiens

<400> 2100

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Arg Val Ser Cys Lys Ala Ser Gly Tyr Ile Phe Arg Asn His
 20 25 30

Asp Val Asn Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp Val
 35 40 45

Gly Trp Met Asn Pro Thr Ser Gly Asn Thr Gly Ile Gly Gln Lys Phe
 50 55 60

Gln Gly Arg Val Lys Met Thr Arg Asp Asn Ser Lys Asp Thr Ala Tyr
 65 70 75 80

Met Glu Leu Ser Ser Leu Thr Ser Asp Asp Thr Ala Thr Tyr Phe Cys
 85 90 95

Ala Arg Ala Leu Leu Gly Leu Pro Ser Asp Phe Ser Tyr Tyr Val Asp
 100 105 110

Val Trp Gly Lys Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly
 115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala His Val Ile Leu
 130 135 140

Thr Gln Pro Pro Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Ile
 145 150 155 160

Ser Cys Thr Gly Gly Ser Ser Asn Leu Gly Ala Gly Ser Asp Val His
 165 170 175

Trp Tyr Gln Gln Leu Pro Arg Thr Ala Pro Lys Leu Leu Ile Tyr Ala
 180 185 190

Asn Thr Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys
 195 200 205

Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp
 210 215 220

Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Lys Ser Leu Ser Gly Val

225

230

235

240

Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 245 250

<210> 2101

<211> 253

<212> PRT

<213> Homo sapiens

<400> 2101

Glu Val Gln Leu Val Gln Ser Gly Ala Ala Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Asn Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Thr Tyr
 20 25 30

Tyr Ile His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Ile Ile Asn Pro Ile Asn Gly Asn Thr Ile Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Thr Gly Thr Val Asn
 65 70 75 80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Phe Tyr Cys
 85 90 95

Ala Arg Glu Gly Glu Gly Asp Gly Tyr Asn Val Ala Pro Tyr Tyr Phe
 100 105 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly
 115 120 125

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser Val
 130 135 140

Val Thr Gln Pro Pro Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr
 145 150 155 160

Ile Ser Cys Thr Gly Ser Ser Ser Asn Ile Gly Asp Gly Tyr Asp Val
 165 170 175

His Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr
 180 185 190

Gly Asn Ser His Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
 195 200 205

Lys Ser Asp Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Val Glu
 210 215 220

Asp Glu Ala Asp Tyr Phe Cys His Ser Tyr Asp Ser Ser Val Ser Gly
 225 230 235 240

Trp Ile Phe Gly Gly Gly Thr Lys Val Thr Val Leu Gly
 245 250

<210> 2102

<211> 243

<212> PRT

<213> Homo sapiens

<400> 2102

Glu Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Ser Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Thr Asp Tyr Gly Gly Phe Asp Tyr Trp Gly Lys Gly Thr Leu
 100 105 110

Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly
 115 120 125

Gly Gly Gly Ser Ala Leu Ser Ser Glu Leu Thr Gln Asp Pro Ala Val
 130 135 140

Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser
145 150 155 160

Leu Arg Thr Tyr Tyr Ala Asn Trp Tyr Gln Gln Lys Pro Gly Gln Ala
165 170 175

Pro Val Val Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro
180 185 190

Asp Arg Phe Ser Gly Ser Ser Ser Gly Tyr Thr Ala Ser Leu Thr Ile
195 200 205

Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Gly
210 215 220

Asp Arg Ser Gly Asn His Tyr Val Phe Gly Thr Gly Thr Gln Leu Thr
225 230 235 240

Val Leu Ser

<210> 2103

<211> 247

<212> PRT

<213> Homo sapiens

<400> 2103

Glu Val Gln Leu Val Gln Ser Gly Ala Asp Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Lys Ile Ser Cys Glu Gly Ser Gly Tyr Thr Phe Ala Asn Tyr
20 25 30

Trp Ile Thr Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
35 40 45

Gly Arg Ile Asp Pro Ser Asp Ser Tyr Thr Asn Tyr Asn Pro Ser Phe
50 55 60

Gln Gly His Val Thr Met Ser Val Asp Lys Ser Ile Asn Thr Ala Tyr
65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Lys Tyr Tyr Cys
85 90 95

Ala Arg Gly Gly Val Gly Asp Ser Arg Gly Val Phe Asp Pro Trp Gly
 100 105 110

Lys Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly
 115 120 125

Gly Gly Ser Gly Gly Gly Gly Ser Ala Leu Ser Ser Glu Leu Thr Gln
 130 135 140

Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys
 145 150 155 160

Gln Gly Asp Ser Leu Arg Thr Tyr Tyr Ala Asn Trp Tyr Gln Gln Lys
 165 170 175

Pro Gly Gln Ala Pro Val Val Val Ile Tyr Gly Lys Asn Asn Arg Pro
 180 185 190

Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser Gly Tyr Thr Ala
 195 200 205

Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr
 210 215 220

Cys Asn Ser Gly Asp Arg Ser Gly Asn His Tyr Val Phe Gly Thr Gly
 225 230 235 240

Thr Lys Leu Thr Val Leu Gly
 245

<210> 2104

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2104

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val

50 55 60
 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80
 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95
 Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Thr Val Thr Val
 100 105 110
 Ser Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125
 Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
 130 135 140
 Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
 145 150 155 160
 Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
 165 170 175
 Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
 180 185 190
 Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
 195 200 205
 Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
 210 215 220
 Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
 225 230 235

 <210> 2105
 <211> 240
 <212> PRT
 <213> Homo sapiens

 <400> 2105
 Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Thr Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
 195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
 210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235 240

<210> 2106

<211> 242

<212> PRT

<213> Homo sapiens

<400> 2106

Gln Val Gln Leu Gln Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
 20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
 50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Ser Leu Thr Gly Asp Ala Phe Asp Ile Trp Gly Arg Ser
 100 105 110

Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser
 130 135 140

Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu
 145 150 155 160

Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
 165 170 175

Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp
 180 185 190

Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr
 195 200 205

Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp
 210 215 220

Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val
 225 230 235 240

Leu Gly

<210> 2107

<211> 243

<212> PRT

<213> Homo sapiens

<400> 2107

Gln Val Gln Leu Gln Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Ser Pro Leu His Phe Ser Asp Ala Phe Asp Ile Trp Gly Arg
100 105 110

Ser Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Gly Gly Gly Gly Ser Ser Glu Leu Thr Gln Asp Pro Ala Val
130 135 140

Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr Cys Gln Gly Asp Ser
145 150 155 160

Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala
165 170 175

Pro Val Leu Val Ile Tyr Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro
180 185 190

Asp Arg Phe Ser Gly Ser Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile
195 200 205

Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg
210 215 220

Asp Ser Ser Gly Asn His Val Val Phe Gly Gly Gly Thr Lys Leu Thr
225 230 235 240

Val Leu Gly

<210> 2108

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2108

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Gly Ser Ser Asn Ile Gly Ser
145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
225 230 235 240

<210> 2109

<211> 243

<212> FFT

<213> Homo sapiens

<400> 2109

Glu Val Gln Leu Val Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Val Gly Gly Ala Phe Asp Ile Trp Gly Arg Ser Thr Leu
100 105 110

Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly

115 120 125

Gly Gly Gly Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val Ser Gly
130 135 140

Ser Pro Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser Ser Asp
145 150 155 160

Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro Gly Lys
165 170 175

Ala Pro Lys Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser Gly Val
180 185 190

Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr
195 200 205

Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser
210 215 220

Tyr Thr Thr Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys Leu Thr
225 230 235 240

Val Leu Gly

<210> 2110
<211> 237
<212> PRT
<213> Homo sapiens

<400> 2110
Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Gly Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2111

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2111

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Tyr Thr Leu Ser Ala Ser Val
130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2112

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2112

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Arg Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Ser Glu Leu Thr Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln
 130 135 140

Thr Val Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala
 145 150 155 160

Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr
 165 170 175

Gly Lys Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser
 180 185 190

Ser Ser Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu
 195 200 205

Asp Glu Ala Asp Tyr Tyr Cys Asn Ser Arg Asp Ser Ser Gly Asn His
 210 215 220

Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235

<210> 2113

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2113

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Thr Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Ser Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
 195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
 210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235 240

<210> 2114

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2114

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Met Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
 130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
 145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
 165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
 180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln

195

200

205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
 210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
 225 230 235

<210> 2115

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2115

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val
 100 105 110

Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Asp Ile Val Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val
 130 135 140

Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser
 145 150 155 160

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Ala Pro Lys Val Leu
 165 170 175

Ile Tyr Lys Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
180 185 190

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Arg
195 200 205

Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro
210 215 220

Trp Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
225 230 235

<210> 2116

<211> 245

<212> PRT

<213> Homo sapiens

<400> 2116

Glu Val Gln Leu Val Glu Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Gly Tyr
20 25 30

Tyr Met His Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Gly Trp Ile Asn Pro Asn Ser Gly Gly Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Met Thr Arg Asp Thr Ser Ile Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ser Arg Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Ser Leu Thr Gly Asp Ala Phe Asp Ile Trp Gly Arg Ser
100 105 110

Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
115 120 125

Ser Gly Gly Gly Gly Ser Gln Ser Val Leu Thr Gln Pro Ala Ser Val
130 135 140

Ser Gly Ser Pro Gly Gln Ser Ile Thr Ile Ser Cys Thr Gly Thr Ser
145 150 155 160

Ser Asp Val Gly Gly Tyr Asn Tyr Val Ser Trp Tyr Gln Gln His Pro
165 170 175

Gly Lys Ala Pro Lys Leu Met Ile Tyr Glu Gly Ser Lys Arg Pro Ser
180 185 190

Gly Val Ser Asn Arg Phe Ser Gly Ser Lys Ser Gly Asn Thr Ala Ser
195 200 205

Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr Tyr Cys
210 215 220

Ser Ser Tyr Thr Thr Arg Ser Thr Arg Val Phe Gly Gly Gly Thr Lys
225 230 235 240

Leu Thr Val Leu Gly
245

<210> 2117

<211> 240

<212> PRT

<213> Homo sapiens

<400> 2117

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Thr Thr Asp Tyr Trp Gly Gln Gly Thr Met Val Thr Val
 100 105 110

Phe Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly
 115 120 125

Ser Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
 130 135 140

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
 145 150 155 160

Asn Thr Val Asn Trp Tyr Gln Arg Leu Pro Gly Ala Ala Pro Gln Leu
 165 170 175

Leu Ile Tyr Asn Asn Asp Gln Arg Pro Ser Gly Ile Pro Asp Arg Phe
 180 185 190

Ser Gly Ser Lys Ser Gly Thr Ser Gly Ser Leu Val Ile Ser Gly Leu
 195 200 205

Gln Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ser Trp Asp Asp Ser
 210 215 220

Leu Asn Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 225 230 235 240

<210> 2118

<211> 237

<212> PRT

<213> Homo sapiens

<400> 2118

Gln Val Gln Leu Val Gln Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Glu Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Ser Ser Ser Gly Ser Thr Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr

Ser Thr Ile Ser Ser Gly Gly Gly Ser Thr Phe Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Val Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Leu Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Val Lys Gly Ala His Tyr Tyr Asp Arg Ser Pro Ser His Leu Lys Ser
100 105 110

Tyr Trp Tyr Phe Asp Leu Trp Gly Lys Gly Thr Leu Val Thr Val Ser
115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
130 135 140

Ala Gln Ser Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly
145 150 155 160

Gln Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser
165 170 175

Asn Pro Leu Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu
180 185 190

Leu Ile Tyr Thr Asn Asp Gln Arg Pro Ser Gly Val Pro Asp Arg Phe
195 200 205

Ser Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu
210 215 220

Gln Ser Glu Asp Ala Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser
225 230 235 240

Leu Gly Thr Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
245 250 255

<210> 2120

<211> 249

<212> PRT

<213> Homo sapiens

<400> 2120

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Leu Lys Gln Pro Gly Thr
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ser Phe Ser Ser Tyr
 20 25 30

Gly Val Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Val Ser Gly Asn Arg Gly Asn Thr Gln Tyr Ala Gln Lys Phe
 50 55 60

Gln Asp Arg Val Arg Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Arg Ser Leu Arg Pro Asp Asp Thr Ala Val Tyr Phe Cys
 85 90 95

Ala Arg Val Gly Ile Lys Ala Ala Val Asp Asn Phe Glu Tyr Trp
 100 105 110

Gly Arg Gly Thr Thr Val Thr Val Ser Ser Gly Gly Gly Ser Gly
 115 120 125

Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Leu Thr Gln
 130 135 140

Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile Thr Cys
 145 150 155 160

Ser Ala Ser Ser Ser Asn Ile Gly Asp Tyr Tyr Val Asn Trp Tyr Gln
 165 170 175

Gln Val Ser Gly Thr Thr Pro Lys Leu Ile Ile Tyr Arg Asp Asp Gln
 180 185 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ala
 195 200 205

Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser Glu Asp Glu Ala Asn
 210 215 220

Tyr Phe Cys Ala Ala Trp Asp Asp Ser Leu Arg Glu Phe Ala Phe Gly
 225 230 235 240

Thr Gly Thr Lys Val Thr Val Leu Gly
245

<210> 2121

<211> 248

<212> PRT

<213> Homo sapiens

<400> 2121

Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ser
1 5 10 15

Ser Val Lys Val Ser Cys Lys Ser Ser Gly Gly Thr Phe Ser Ser Tyr
20 25 30

Ala Leu Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45

Val Gly Ile Ile Pro Ile Phe Gly Thr Thr Asn Tyr Ala Gln Lys Phe
50 55 60

Gln Gly Arg Val Thr Ile Thr Ala Asp Lys Ser Thr Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Ile Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Thr Thr Leu Gly Arg Asn Tyr Thr Ser Ser Trp Ser Leu Asp Tyr Trp
100 105 110

Gly Arg Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Ser Gly
115 120 125

Gly Gly Gly Ser Gly Gly Gly Ser Ala Leu Ser Ser Glu Leu Thr
130 135 140

Gln Asp Pro Ala Val Ser Val Ala Leu Gly Gln Thr Val Arg Ile Thr
145 150 155 160

Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala Ser Trp Tyr Gln Gln
165 170 175

Lys Pro Arg Gln Ala Pro Val Leu Val Ile Tyr Gly Lys Asn Asp Arg
180 185 190

Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Asn Ser Gly Asn Thr
 195 200 205

Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu Ala Asp Tyr
 210 215 220

Tyr Cys Asn Ser Arg Asp Thr Ser Gly Asn His Leu Val Phe Gly Thr
 225 230 235 240

Gly Thr Lys Leu Thr Val Leu Gly
 245

<210> 2122

<211> 249

<212> PRT

<213> Homo sapiens

<400> 2122

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Leu Lys Gln Pro Gly Thr
 1 5 10 15

Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Ser Phe Ser Ser Tyr
 20 25 30

Gly Val Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Val Ser Gly Asn Arg Gly Asn Thr Gln Tyr Ala Gln Lys Phe
 50 55 60

Gln Asp Arg Val Arg Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
 65 70 75 80

Met Glu Leu Arg Ser Leu Arg Pro Asp Asp Thr Ala Val Tyr Phe Cys
 85 90 95

Ala Arg Val Gly Ile Lys Ala Ala Ala Val Asp Asn Phe Glu Tyr Trp
 100 105 110

Gly Arg Gly Thr Thr Val Thr Val Ser Ser Gly Gly Gly Ser Gly
 115 120 125

Gly Gly Gly Ser Gly Gly Gly Ser Ala Gln Ser Val Leu Thr Gln
 130 135 140

Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile Thr Cys
145 150 155 160

Ser Gly Ser Ser Ser Asn Ile Gly Asp Tyr Tyr Val Asn Trp Tyr Gln
165 170 175

Gln Val Ser Gly Thr Thr Pro Lys Leu Ile Ile Tyr Arg Asp Asp Gln
180 185 190

Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser Gly Ala
195 200 205

Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser Glu Asp Glu Ala Asn
210 215 220

Tyr Phe Cys Ala Ala Trp Asp Asp Ser Leu Arg Glu Phe Ala Phe Gly
225 230 235 240

Ser Gly Thr Lys Val Thr Val Leu Gly
245

<210> 2123

<211> 255

<212> PRT

<213> Homo sapiens

<400> 2123

Gln Val Gln Leu Gln Glu Ser Gly Gly Gly Val Val Gln Ser Gly Thr
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Met Phe Arg Ser Tyr
20 25 30

Glu Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Leu Ile Ser Tyr Asp Gly Ser Asn Glu Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Glu Asn Thr Leu Tyr
65 70 75 80

Val Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Gly Arg Tyr Gly Tyr Tyr Tyr Asp Gly Thr Gly Tyr Val

100 105 110
 Asp Ala Phe Asp Ile Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
 115 120 125
 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala
 130 135 140
 Gln Pro Val Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln
 145 150 155 160
 Arg Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Val Asn
 165 170 175
 Thr Val Asp Trp Tyr Leu Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu
 180 185 190
 Ile Phe Asn Asn Asp Leu Arg Pro Ser Gly Val Pro Ala Arg Phe Ser
 195 200 205
 Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln
 210 215 220
 Ser Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Ser Leu
 225 230 235 240
 Asn Gly Pro Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 245 250 255
 <210> 2124
 <211> 247
 <212> PRT
 <213> Homo sapiens
 <400> 2124
 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15
 Ser Val Arg Val Ser Cys Lys Ser Ser Gly Tyr Thr Phe Thr Asn Tyr
 20 25 30
 Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45
 Gly Trp Ile Ser Asn Asn Asn Gly Lys Thr Tyr Tyr Ala Gln Lys Val
 50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Asp Tyr
65 70 75 80

Met Glu Leu Arg Gly Leu Arg Ser Asp Asp Thr Ala Ile Tyr Tyr Cys
85 90 95

Ala Arg Asp Asn Gly Gly Gly Thr Ile Gly Phe Asp Tyr Trp Gly Arg
100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln Pro Ser
130 135 140

Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Met Ser Cys Thr Gly
145 150 155 160

Ser Ser Ser Ile Ile Gly Ala Gly Tyr Asp Val His Trp Tyr Gln Gln
165 170 175

Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Asp Asn Thr Asn Arg
180 185 190

Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Thr Ser
195 200 205

Ala Ser Leu Ala Ile Thr Gly Leu Gln Asp Glu Asp Glu Ala Asp Tyr
210 215 220

Phe Ser Gln Ser Tyr Gly Ile Thr Leu Ser Ala Val Phe Gly Thr Gly
225 230 235 240

Thr Lys Val Ala Val Leu Gly
245

<210> 2125

<211> 251

<212> PRT

<213> Homo sapiens

<400> 2125

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Thr Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Ser Phe Ser Thr Tyr
20 25 30

Lys Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Leu
35 40 45

Gly Trp Ile Ser Pro Asn Ser Gly Gly Thr Asn Phe Ala Gln Ile Leu
50 55 60

Gln Gly Arg Val Ala Met Thr Thr Asp Thr Ser Thr Ala Tyr
65 70 75 80

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Arg Gln Gln Ile Ala Asp Pro Pro Arg Ser Phe Phe Asp
100 105 110

Pro Trp Gly Lys Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly
115 120 125

Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Pro Val Leu
130 135 140

Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile
145 150 155 160

Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Thr Val Asn Trp
165 170 175

Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Met Tyr Ser Asn
180 185 190

Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser
195 200 205

Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu
210 215 220

Ala Asp Tyr Tyr Cys Gln Ser Phe Asp Ser Ser Leu Asn Val Arg Ile
225 230 235 240

Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
245 250

<210> 2126

<211> 247

<212> PRT

<213> Homo sapiens

<400> 2126

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Arg Val Ser Cys Lys Ser Ser Gly Tyr Thr Phe Thr Asn Tyr
 20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Ser Asn Asn Asn Gly Lys Thr Tyr Tyr Ala Gln Lys Val
 50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Asp Tyr
 65 70 75 80

Met Glu Leu Arg Gly Leu Arg Ser Asp Asp Thr Ala Ile Tyr Tyr Cys
 85 90 95

Ala Arg Asp Asn Gly Gly Gly Thr Ile Gly Phe Asp Tyr Trp Gly Arg
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
 115 120 125

Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr His Pro Ser
 130 135 140

Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Met Ser Cys Thr Gly
 145 150 155 160

Ser Ser Ser Asn Ile Gly Ala Gly Tyr Asp Val His Trp Tyr Gln Gln
 165 170 175

Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Asp Asn Thr Asn Arg
 180 185 190

Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Thr Ser
 195 200 205

Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr
 210 215 220

Phe Cys Gln Ser Tyr Asp Ile Thr Leu Ser Ala Val Phe Gly Thr Gly
 225 230 235 240

Thr Lys Val Thr Val Leu Gly
 245

<210> 2127

<211> 247

<212> PRT

<213> Homo sapiens

<400> 2127

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
 1 5 10 15

Ser Val Arg Val Ser Cys Lys Ser Ser Gly Tyr Thr Phe Thr Asn Tyr
 20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
 35 40 45

Gly Trp Ile Ser Asn Asn Asn Gly Lys Thr Tyr Tyr Ala Gln Lys Val
 50 55 60

Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Asp Tyr
 65 70 75 80

Met Glu Leu Arg Gly Leu Arg Ser Asp Asp Thr Ala Ile Tyr Tyr Cys
 85 90 95

Ala Arg Asp Asn Gly Gly Gly Thr Ile Gly Phe Asp Tyr Trp Gly Arg
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
 115 120 125

Gly Ser Gly Gly Gly Gly Ser Ala Gln Ala Val Leu Thr Gln Gln Ser
 130 135 140

Ser Val Ser Gly Ala Pro Gly Gln Arg Val Thr Met Ser Cys Thr Gly
 145 150 155 160

Ser Ser Ser Asn Ile Gly Ala Gly Tyr Asp Val His Trp Tyr Gln Gln
165 170 175

Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr Asp Asn Thr Asn Arg
180 185 190

Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Arg Ser Gly Thr Ser
195 200 205

Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu Ala Asp Tyr
210 215 220

Phe Cys Gln Ser Tyr Asp Ile Thr Leu Ser Ala Val Phe Gly Thr Gly
225 230 235 240

Thr Lys Val Thr Val Leu Gly
245

<210> 2128

<211> 251

<212> PRT

<213> Homo .sapiens

<400> 2128

Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Thr Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Ser Phe Ser Thr Tyr
20 25 30

Lys Ile Thr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Leu
35 40 45

Gly Trp Ile Ser Pro Asn Ser Gly Gly Thr Asn Phe Ala Gln Ile Leu
50 55 60

Gln Gly Arg Val Ala Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
65 70 75 80

Leu Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Val Arg Gln Gln Ile Ala Asp Pro Pro Arg Ser Phe Phe Asp
100 105 110

Pro Trp Gly Lys Gly Thr Met Val Thr Val Ser Ser Gly Gly Gly Gly

115 120 125
 Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Ala Gln Ser Val Leu
 130 135 140

 Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val Thr Ile
 145 150 155 160

 Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Ser Val Asn Trp
 165 170 175

 Tyr Gln Gln Leu Ser Gly Thr Ala Pro Lys Leu Leu Met Tyr Ser Asn
 180 185 190

 Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Lys Ser
 195 200 205

 Gly Ala Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu Asp Glu
 210 215 220

 Ala Asp Tyr Tyr Cys Gln Ser Phe Asp Ser Ser Leu Asn Val Arg Ile
 225 230 235 240

 Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
 245 250

 <210> 2129
 <211> 16
 <212> PRT
 <213> Homo sapiens

 <400> 2129
 Asp Arg Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Gly Met Asp Val
 1 5 10 15

 <210> 2130
 <211> 13
 <212> PRT
 <213> Homo sapiens

 <400> 2130
 His Asp Asp Asp Val Leu Thr Gly Tyr Tyr Phe Glu Ser
 1 5 10

 <210> 2131
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 2131

Ala	Ala	Thr	Thr	Ser	Gln	Lys	His	Asn	Lys	Tyr	Ala	Tyr	Tyr	Phe	Tyr
1				5					10					15	

Gly Met Asp Val

20

<210> 2132

<211> 23

<212> PRT

<213> Homo sapiens

<400> 2132

Val	Gln	Met	Asp	Ser	Glu	Tyr	Tyr	Asp	Leu	Leu	Thr	Gly	Ile	Asn	Val
1				5					10					15	

Gly Pro Tyr Tyr Phe Asp Tyr

20

<210> 2133

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2133

Ser	Arg	Asp	Leu	Leu	Leu	Phe	Pro	His	Tyr	Gly	Met	Asp	Val
1				5					10				

<210> 2134

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2134

Ala	Pro	Tyr	Asp	Leu	Leu	Thr	His	Tyr	Phe	His	Tyr	Phe	Asp	Tyr
1				5					10					15

<210> 2135

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2135

Asp	Gly	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Ser	Tyr	Tyr	Gly	Met	Asp
1				5					10					15	

Val

<210> 2136

<211> 12
<212> PRT
<213> Homo sapiens

<400> 2136
Gly Tyr Asp Ser Ser Ala Phe Arg Ala Phe Asp Ile
1 5 10

<210> 2137
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2137
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2138
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2138
Pro Phe Tyr Asp Ile Leu Thr Arg Tyr Val Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2139
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2139
Pro Phe Tyr Asp Ile Leu Thr Ser Tyr Val Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2140
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2140
Pro Phe Tyr Asp Thr Leu Thr Gly Tyr Val Phe Gln Val Trp Val Ala
1 5 10 15

<210> 2141
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2141
Pro Phe Tyr Asp Thr Leu Thr Gly Tyr Val Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2142

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2142

Pro Phe Tyr Asp Thr Leu Thr Arg Tyr Val Phe Gln Val Trp Val Ala
 1 5 10 15

<210> 2143

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2143

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gln Val Trp Val Ala
 1 5 10 15

<210> 2144

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2144

Pro Phe Tyr Asp Thr Leu Thr Arg Tyr Val Phe Gln Tyr Phe Asp His
 1 5 10 15

<210> 2145

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2145

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Gly Tyr Tyr Leu Ser
 1 5 10 15

<210> 2146

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2146

Ser Arg Asp Leu Leu Leu Phe Pro His His Gly Leu Asp Ser
 1 5 10

<210> 2147

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2147

Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Phe Asp Leu
 1 5 10

<210> 2148

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2148

Ser Arg Asp Leu Leu Leu Phe Pro Leu Ala Pro Leu Tyr Pro

1

5

10

<210> 2149

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2149

Ser Arg Asp Leu Leu Leu Phe Pro His His Ala Leu Ser Pro

1

5

10

<210> 2150

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2150

Ser Arg Tyr Leu Leu Leu Phe Pro His His Ser Phe Asp Leu

1

5

10

<210> 2151

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2151

Ser Arg Asp Leu Leu Leu Phe Pro His His Gly Leu Asp Val

1

5

10

<210> 2152

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2152

Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Leu Asp Leu

1

5

10

<210> 2153

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2153

Ala Thr Tyr Asp Pro Leu Thr Gly Tyr Ser Phe Asp Gly Phe Asp Ile

1

5

10

15

<210> 2154
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2154
Asp Gly Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Asp Asn Tyr Met
1 5 10 15

Asp Val

<210> 2155
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2155
Phe Asn Pro Thr Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Gly Tyr
1 5 10 15

Phe Gln His

<210> 2156
<211> 17
<212> PRT
<213> Homo sapiens

<400> 2156
Gly Gly Asp Tyr Asp Ile Leu Thr Gly Leu Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val

<210> 2157
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2157
Ala Thr Tyr Asp Pro Leu Thr Gly Tyr Ser Phe Asp Gly Leu Asp Ile
1 5 10 15

<210> 2158
<211> 20
<212> PRT
<213> Homo sapiens

<400> 2158

Glu Gly Gly Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Asn Gly
 1 5 10 15

Ala Phe Asp Ile
 20

<210> 2159

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2159

Ser Ser Pro Pro Lys Trp Tyr Asp Ala Leu Thr Gly His Ser Ser Tyr
 1 5 10 15

His Ser Ala Met Asp Val
 20

<210> 2160

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2160

Asp Gly Ile Asp Ile Leu Leu Val Pro Ala Ala Leu Met Asp Val
 1 5 10 15

<210> 2161

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2161

Gly Met Gly Asp His Tyr Gly Met Asp Val
 1 5 10

<210> 2162

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2162

Gly Arg Trp Asp Tyr Asp Leu Leu Thr Gly Glu His Leu Gly Tyr Tyr
 1 5 10 15

Phe Asp Tyr

<210> 2163

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2163

Gly	Tyr	His	Asp	Pro	Leu	Thr	Ser	Tyr	Asn	Tyr	Asn	Trp	Phe	Asp	Pro
1					5				10					15	

<210> 2164

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2164

Gln	Asp	Asn	Asp	Pro	Leu	Thr	Gly	Tyr	Lys	Leu	Gly	Phe	Asp	Tyr
1					5				10					15

<210> 2165

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2165

Ser	Ser	Pro	Pro	Lys	Trp	Tyr	Asp	Ala	Leu	Thr	Gly	Asp	Ser	Ser	Tyr
1				5					10					15	

His Ser Ala Met Asp Val

20

<210> 2166

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2166

Ser	His	Tyr	Asp	Ile	Leu	Thr	Gly	Leu	Asn	Tyr	Trp	Tyr	Phe	Asp	Leu
1				5					10					15	

<210> 2167

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2167

His	Val	Arg	Asp	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Arg	Gly	His	Tyr
1					5				10					15	

Phe Asp Tyr

<210> 2168

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2168

Asp Glu Gly Arg Asp Leu Leu Thr Gly Tyr Tyr Trp Pro Asn Phe Phe
1 5 10 15

Asp Ser

<210> 2169

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2169

Ser Ser Pro Pro Arg Trp Tyr Asp Ala Leu Thr Gly Asp Ser Ser Tyr
1 5 10 15

His Ser Ala Met Asp Val

20

<210> 2170

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2170

Gly Gly Glu Tyr Asp Ile Leu Thr Gly Tyr Tyr Phe Gly Leu Gly Val
1 5 10 15

Tyr Asp Tyr

<210> 2171

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2171

Glu Gly Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Val Gly Val Gly Arg
1 5 10 15

Met Asp Val

<210> 2172

<211> 21

<212> PRT

<213> Homo sapiens

<400> 2172

Asp Arg Glu Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Tyr Tyr
1 5 10 15

Tyr Tyr Met Asp Val
20

<210> 2173
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2173
Thr Asp Tyr Asp Ile Leu Thr Gly Tyr Pro Met Gly Tyr Phe Asp Pro
1 5 10 15

<210> 2174
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2174
Glu Leu Gly Leu Ser Ile Val Gly Ala Thr Thr Gly Ala Leu Asp Met
1 5 10 15

<210> 2175
<211> 8
<212> PRT
<213> Homo sapiens

<400> 2175
Asp Gln Gly Arg Tyr Leu Asp Leu
1 5

<210> 2176
<211> 24
<212> PRT
<213> Homo sapiens

<400> 2176
Asp Arg Gly Ala Pro Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Ala Pro
1 5 10 15

Ala Gln Gly Val Ala Phe Asp Ile
20

<210> 2177
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2177
Val Tyr Tyr Asp Ile Leu Thr Gly Tyr Asn Leu Phe Phe Asp Tyr

1 5 10 15

<210> 2178
 <211> 9
 <212> PRT
 <213> Homo sapiens

<400> 2178
 Ser Glu Gly Thr Ile Phe Gly Val Asp
 1 5

<210> 2179
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2179
 Met Glu Tyr Asp Ile Leu Thr Gly Tyr Tyr Gly Gly Tyr Phe Asp Tyr
 1 5 10 15

<210> 2180
 <211> 14
 <212> PRT
 <213> Homo sapiens

<400> 2180
 Ala Gly Asn Glu Tyr Gly His Thr Glu Arg Pro Ala Asp Tyr
 1 5 10

<210> 2181
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 2181
 Gly Lys Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Asp Asn Trp
 1 5 10 15

Phe Asp Pro

<210> 2182
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 2182
 Glu Gly Met Asn Asp Phe Ile Asn Ser His His Tyr Tyr Thr Met Asp
 1 5 10 15

Ala

<210> 2183
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2183
Asp Ala Gln Ser Tyr Asp Ile Leu Thr Gly Tyr Gln Ser Tyr Ala
1 5 10 15

Phe Asp Ile

<210> 2184
<211> 11
<212> PRT
<213> Homo sapiens

<400> 2184
Ser Leu Ala Thr Arg Pro Leu Gly Met Asp Val
1 5 10

<210> 2185
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2185
Glu Asn Tyr Asp Ser Leu Thr Gly Tyr Tyr Gly Ala Phe Asp Ile
1 5 10 15

<210> 2186
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2186
Lys Leu Gly Leu Ser Ile Val Gly Ala Thr Tyr Gly Ala Leu Asp Met
1 5 10 15

<210> 2187
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2187
Asp His Phe Asp Thr Leu Thr Gly Tyr Phe Arg Arg Leu Asp Ser
1 5 10 15

<210> 2188
<211> 22
<212> PRT

<213> Homo sapiens

<400> 2188

Asp Gly Arg Leu Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Ala Arg Asp
1 5 10 15

Tyr Tyr Gly Met Asp Asp
20

<210> 2189

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2189

Thr Pro Ser Ser Val Tyr Asp Leu Leu Thr Gly Tyr Tyr His Tyr Phe
1 5 10 15

Tyr Ser Tyr Met Asp Val
20

<210> 2190

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2190

Glu Lys Ser Ala Ala Gly Tyr Phe Asp Tyr
1 5 10

<210> 2191

<211> 11

<212> PRT

<213> Homo sapiens

<400> 2191

Asp Gly Tyr Arg Thr Asn Asp Ala Leu Asp Ile
1 5 10

<210> 2192

<211> 7

<212> PRT

<213> Homo sapiens

<400> 2192

Thr Gly Ser Gly Phe Asp Tyr
1 5

<210> 2193

<211> 6

<212> PRT

<213> Homo sapiens

<400> 2193
Asp Trp Asp Met Asp Val
1 5

<210> 2194
<211> 12
<212> PRT
<213> Homo sapiens

<400> 2194
Asp Ser Gly Ser Tyr Tyr Tyr Asp Ala Phe Asp Ile
1 5 10

<210> 2195
<211> 11
<212> PRT
<213> Homo sapiens

<400> 2195
Asp Asn Gly Gly Thr Ile Gly Phe Asp Tyr
1 5 10

<210> 2196
<211> 12
<212> PRT
<213> Homo sapiens

<400> 2196
Glu Ser Gly Ala Gly Gly Tyr Tyr Tyr Asp Asp Tyr
1 5 10

<210> 2197
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2197
Val Gly Ile Lys Ala Ala Ala Val Asp Asn Phe Glu Tyr
1 5 10

<210> 2198
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2198
Asp Ala Ser Arg Asp Ile Val Val Leu Pro Leu Ala Ile
1 5 10

<210> 2199
<211> 7
<212> PRT

<213> Homo sapiens

<400> 2199

Asn Leu Trp Gly Leu Asp Tyr

1

5

<210> 2200

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2200

Val His Ser Thr Gly Tyr Ala Phe Glu Asn

1

5

10

<210> 2201

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2201

Glu Tyr Ser Gly Tyr His Tyr Val Glu Gly Gly Ser Tyr Ala Met Asp

1

5

10

15

Val

<210> 2202

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2202

Asp Asn Leu His Ala Ala Phe Asp Ile

1

5

<210> 2203

<211> 5

<212> PRT

<213> Homo sapiens

<400> 2203

Asp Thr Thr Asp Tyr

1

5

<210> 2204

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2204

Glu Gly Gly Gly Asp Ala Tyr Asp Val Ala Pro Tyr Tyr Phe Asp Tyr

1

5

10

15

<210> 2205

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2205

Trp Thr Ser Ser Gly Ala Phe Asp Ile

1

5

<210> 2206

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2206

Tyr Tyr Tyr His Ser Ser Gly Ser Asp Ala Phe Asp Ile

1

5

10

<210> 2207

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2207

Asp Leu Gly Ile Ala Gly Thr Ile Tyr Phe Asp Tyr

1

5

10

<210> 2208

<211> 6

<212> PRT

<213> Homo sapiens

<400> 2208

Asp Leu Asp Phe Asp Tyr

1

5

<210> 2209

<211> 11

<212> PRT

<213> Homo sapiens

<400> 2209

Glu Gly Pro Gly Tyr Tyr Tyr Gly Met Asp Val

1

5

10

<210> 2210

<211> 5

<212> PRT

<213> Homo sapiens

<400> 2210

Phe Val Leu Asp Tyr

1

5

<210> 2211

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2211

Gly Asn Ala Trp Gly Ala Phe Asp Ile

1

5

<210> 2212

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2212

Asp Arg Gly Ser Gly Trp Pro Asn Trp Tyr Phe Asp Leu

1

5

10

<210> 2213

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2213

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ser Ser Leu Leu Ser

1

5

10

15

<210> 2214

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2214

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Ala His

1

5

10

15

<210> 2215

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2215

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Ala Leu

1

5

10

15

<210> 2216

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2216

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Leu Tyr
 1 5 10 15

<210> 2217

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2217

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Ser Ala
 1 5 10 15

<210> 2218

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2218

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe His Phe Tyr Pro Val
 1 5 10 15

<210> 2219

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2219

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Thr His
 1 5 10 15

<210> 2220

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2220

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Met Tyr Phe Pro His
 1 5 10 15

<210> 2221

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2221

Pro Phe Tyr Asp Ala Leu Thr Ser Tyr Val Phe Gln Tyr Phe Asp His
 1 5 10 15

<210> 2222

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2222

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Phe Tyr Ala Leu
1 5 10 15

<210> 2223

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2223

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Leu Asp Ser
1 5 10 15

<210> 2224

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2224

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Leu Leu Ser
1 5 10 15

<210> 2225

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2225

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Pro Ser Val
1 5 10 15

<210> 2226

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2226

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Lys Tyr Tyr Thr Asp
1 5 10 15

<210> 2227

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2227

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Arg Val Ile Pro
1 5 10 15

<210> 2228

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2228

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Val Trp Val Ser
1 5 10 15

<210> 2229

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2229

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Tyr Leu Thr His
1 5 10 15

<210> 2230

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2230

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Ala Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2231

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2231

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Tyr Tyr Thr Leu
1 5 10 15

<210> 2232

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2232

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Gly Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2233

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2233

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Gln Val Phe Asp Thr
1 5 10 15

<210> 2234

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2234

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ala Leu Tyr Arg Leu
1 5 10 15

<210> 2235

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2235

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Gln Tyr Phe Arg Tyr
1 5 10 15

<210> 2236

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2236

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Cys Arg His Leu Phe
1 5 10 15

<210> 2237

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2237

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Gln Tyr Tyr Val Leu
1 5 10 15

<210> 2238

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2238

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Cys Arg Pro His Phe
1 5 10 15

<210> 2239

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2239

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Arg Cys Val Leu
1 5 10 15

<210> 2240

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2240

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Cys Tyr Pro Pro Ala
1 5 10 15

<210> 2241

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2241

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Arg Leu Pro Pro Gln
1 5 10 15

<210> 2242

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2242

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Ala Pro Leu Val Thr
1 5 10 15

<210> 2243

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2243

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Arg Ser Arg Asp
1 5 10 15

<210> 2244

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2244

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Asp Tyr Tyr Ala Ser
1 5 10 15

<210> 2245

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2245

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Glu Phe Leu Pro Leu
1 5 10 15

<210> 2246

<211> 16
<212> PRT
<213> Homo sapiens

<400> 2246
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Ser Phe Tyr Pro Val
1 5 10 15

<210> 2247
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2247
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Trp Phe Tyr Pro Leu
1 5 10 15

<210> 2248
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2248
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Glu Tyr Phe Ser Val
1 5 10 15

<210> 2249
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2249
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Trp Tyr Tyr Gln Asp
1 5 10 15

<210> 2250
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2250
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Phe Phe Tyr Pro Phe
1 5 10 15

<210> 2251
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2251
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Tyr Tyr Tyr Ala Phe
1 5 10 15

<210> 2252
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2252
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gly Phe Tyr Pro Phe
1 5 10 15

<210> 2253
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2253
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Met Asp Phe Tyr Ser Val
1 5 10 15

<210> 2254
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2254
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gly Tyr Tyr Ser Leu
1 5 10 15

<210> 2255
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2255
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Met His Ala Tyr Pro Leu
1 5 10 15

<210> 2256
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2256
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe His Tyr Leu Pro Val
1 5 10 15

<210> 2257
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2257
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Met His Tyr Leu Pro Val
1 5 10 15

<210> 2258
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2258
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe His Tyr Tyr Asp Val
 1 5 10 15

<210> 2259
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2259
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Met His Tyr Tyr Pro Thr
 1 5 10 15

<210> 2260
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2260
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe His Tyr Tyr Pro Leu
 1 5 10 15

<210> 2261
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2261
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Pro Cys Ser Pro Pro Arg
 1 5 10 15

<210> 2262
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2262
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Pro Phe Tyr Pro His
 1 5 10 15

<210> 2263
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2263
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Pro Leu Leu Pro Leu Cys
 1 5 10 15

<210> 2264

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2264

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Phe	Pro	Val	Tyr	Tyr	Leu
1					5				10					15	

<210> 2265

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2265

Ala	Ser	Tyr	Leu	Ser	Thr	Ser	Ser	Ser	Leu	Asp	Asn
1				5					10		

<210> 2266

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2266

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Pro	Pro	Pro	Ser	Phe	Leu
1					5				10					15	

<210> 2267

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2267

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Pro	Ser	Val	Gly	Gly
1					5				10					15

<210> 2268

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2268

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Phe	Gln	Tyr	Phe	Ala	His
1					5				10					15	

<210> 2269

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2269

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Pro	Thr	Ser	Thr	Thr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1 5 10 15

<210> 2270

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2270

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Pro Val Pro Ser Thr
1 5 10 15

<210> 2271

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2271

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Arg Ala Ser Phe Ser
1 5 10 15

<210> 2272

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2272

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Arg Cys Pro Tyr Val
1 5 10 15

<210> 2273

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2273

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Arg Pro Phe Tyr Ala His
1 5 10 15

<210> 2274

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2274

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ser Ala Leu Pro Pro Pro
1 5 10 15

<210> 2275

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2275

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Thr Pro Arg Gly Tyr
1 5 10 15

<210> 2276

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2276

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Thr Thr Pro Cys Thr
1 5 10 15

<210> 2277

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2277

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Trp Pro Ser Phe Phe Ser
1 5 10 15

<210> 2278

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2278

Pro Ile Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gln Tyr Phe Asp His
1 5 10 15

<210> 2279

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2279

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gln Tyr Phe Asp Arg
1 5 10 15

<210> 2280

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2280

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Gln Tyr Phe Asp Tyr
1 5 10 15

<210> 2281

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2281

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Phe	Arg	Pro	Asp	Leu
1					5				10				15	

<210> 2282

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2282

Pro	Phe	Thr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Gly	Ile	His	Gly	Leu
1					5				10				15	

<210> 2283

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2283

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	His	Glu	Phe	Phe	Ser	Leu
1					5				10					15	

<210> 2284

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2284

Pro	Phe	Thr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Gly	Pro	Tyr	Gly	Thr
1					5				10				15	

<210> 2285

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2285

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	His	Pro	Ser	Arg	Ser
1					5				10				15	

<210> 2286

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2286

Pro	Phe	Thr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Pro	Pro	Thr	Arg	His
1					5				10				15	

<210> 2287

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2287

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Glu	Tyr	Leu	Pro	Leu
1				5					10					15	

<210> 2288

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2288

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Glu	Tyr	Tyr	Pro	Val
1				5					10					15	

<210> 2289

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2289

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Phe	Tyr	Tyr	Pro	Thr
1				5					10					15	

<210> 2290

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2290

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Pro	Phe	Leu	Pro	Leu
1				5					10					15	

<210> 2291

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2291

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Gly	Phe	Tyr	Pro	Val
1				5					10					15	

<210> 2292

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2292

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Pro	Phe	Leu	Tyr	Cys
1				5					10					15

<210> 2293

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2293

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ile His Phe Tyr Ser Leu
1 5 10 15

<210> 2294

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2294

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ile His Tyr Leu Val Thr
1 5 10 15

<210> 2295

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2295

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ile Leu Tyr Tyr Leu His
1 5 10 15

<210> 2296

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2296

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ile Pro Phe Tyr Pro Leu
1 5 10 15

<210> 2297

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2297

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ile Gln Tyr Phe Asp His
1 5 10 15

<210> 2298

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2298

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Pro Ile
1 5 10 15

<210> 2299

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2299

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Ser	Cys	Ser	Trp	Ala
1				5					10					15	

<210> 2300

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2300

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Phe	Gly	Phe	Phe	Pro	His
1				5					10					15	

<210> 2301

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2301

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Leu	His	Phe	Ile	Asp	His
1				5					10					15	

<210> 2302

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2302

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Leu	His	Phe	Tyr	Arg	Val
1				5					10					15	

<210> 2303

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2303

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Leu	Glu	Phe	Tyr	Leu	Leu
1				5					10					15	

<210> 2304

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2304

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Ile	Pro	Phe	Leu	Thr	His
1				5					10					15	

<210> 2305

<211> 15
 <212> PRT
 <213> Homo sapiens

<400> 2305
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Lys Ser Met Pro Thr
 1 5 10 15

<210> 2306
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2306
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Ala Tyr Tyr Pro Asp
 1 5 10 15

<210> 2307
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2307
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Val Ser Phe Pro Ser Leu
 1 5 10 15

<210> 2308
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2308
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Asp Phe Tyr Ser Val
 1 5 10 15

<210> 2309
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2309
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Asp Tyr Tyr Ser Ser
 1 5 10 15

<210> 2310
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 2310
 Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Pro Leu Leu Pro Pro
 1 5 10 15

<210> 2311

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2311

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Glu Ala Phe Ser Leu

1

5

10

15

<210> 2312

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2312

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Glu Phe Phe Pro Ala

1

5

10

15

<210> 2313

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2313

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Glu Phe Phe Pro Asp

1

5

10

15

<210> 2314

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2314

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Leu Pro Leu

1

5

10

15

<210> 2315

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2315

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Glu Phe Phe Ser His

1

5

10

15

<210> 2316

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2316

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Tyr Ala Tyr

1

5

10

15

<210> 2317

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2317

Pro	Phe	Thr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Leu	Tyr	Phe	Tyr	Pro	Ser
1				5					10					15	

<210> 2318

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2318

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Leu	Glu	Val	Tyr	His	Pro
1				5					10					15	

<210> 2319

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2319

Pro	Phe	Thr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Cys	Thr	Pro	Val	Pro
1				5					10					15

<210> 2320

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2320

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Leu	Glu	Tyr	Phe	Pro	Leu
1				5					10					15	

<210> 2321

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2321

Pro	Phe	Thr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Met	Gln	Phe	Phe	Pro	Thr
1				5					10					15	

<210> 2322

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2322

Pro	Phe	Tyr	Asp	Thr	Leu	Thr	Ser	Tyr	Val	Met	Gly	Val	Thr	Pro	Ser
1				5					10					15	

<210> 2323

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2323

Pro Phe Tyr Asp Thr Leu Thr Asn Tyr Val Phe Glu Tyr Tyr Ala Ser
1 5 10 15

<210> 2324

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2324

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Phe Glu Tyr Tyr Ser Leu
1 5 10 15

<210> 2325

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2325

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Phe Phe Tyr Pro Leu
1 5 10 15

<210> 2326

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2326

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Phe Arg Pro Val Leu
1 5 10 15

<210> 2327

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2327

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Phe Tyr Tyr Pro Leu
1 5 10 15

<210> 2328

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2328

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Ala Leu Asp Leu

1	5	10	15
---	---	----	----

<210> 2329
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2329
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Gly Phe Tyr Pro Val
1 5 10 15

<210> 2330
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2330
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Ile His Phe Leu Pro Leu
1 5 10 15

<210> 2331
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2331
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Phe Tyr Tyr Thr Ala
1 5 10 15

<210> 2332
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2332
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Ala Tyr Ala Phe
1 5 10 15

<210> 2333
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2333
Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Phe Tyr Pro Leu
1 5 10 15

<210> 2334
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2334

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu Pro Val Tyr Asp His
 1 5 10 15

<210> 2335

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2335

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Ile Tyr Pro His
 1 5 10 15

<210> 2336

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2336

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr His Thr His
 1 5 10 15

<210> 2337

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2337

Pro Phe Tyr Asp Thr Leu Thr Ser Tyr Val Leu His Tyr Leu Pro Val
 1 5 10 15

<210> 2338

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2338

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Val Leu Trp Pro
 1 5 10

<210> 2339

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2339

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Tyr Leu Glu Phe
 1 5 10

<210> 2340

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2340
Ser Arg Asp Leu Leu Leu Phe Pro Ser Trp Pro Leu Thr Phe
1 5 10

<210> 2341
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2341
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Ala Leu Ser Phe
1 5 10

<210> 2342
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2342
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Ala Phe
1 5 10

<210> 2343
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2343
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Asp Phe
1 5 10

<210> 2344
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2344
Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Pro Leu Leu Phe
1 5 10

<210> 2345
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2345
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Asp Pro
1 5 10

<210> 2346
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2346

Ser Arg Asp Leu Leu Leu Phe Pro Gln Asp Pro Leu His Pro
1 5 10

<210> 2347

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2347

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Glu Ile
1 5 10

<210> 2348

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2348

Ser Arg Asp Leu Leu Leu Phe Pro His Phe Pro Leu His Pro
1 5 10

<210> 2349

<211> 14

<212> PRT,

<213> Homo sapiens

<400> 2349

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Phe Pro
1 5 10

<210> 2350

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2350

Ser Arg Asp Leu Leu Leu Phe Pro His Leu Pro Leu Leu Phe
1 5 10

<210> 2351

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2351

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu His Pro
1 5 10

<210> 2352

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2352

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Trp Pro
1 5 10

<210> 2353

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2353

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Gly Phe
1 5 10

<210> 2354

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2354

Ser Arg Asp Leu Leu Leu Phe Pro His Glu His Leu Ser Phe
1 5 10

<210> 2355

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2355

Ser Arg Asp Leu Leu Leu Phe Pro Asn Asp Pro Leu Phe Gly
1 5 10

<210> 2356

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2356

Ser Arg Asp Leu Leu Leu Phe Pro Ser Glu Pro Leu Arg Ile
1 5 10

<210> 2357

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2357

Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Pro Leu His Pro
1 5 10

<210> 2358

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2358

Ser Arg Asp Leu Leu Leu Phe Pro Gly Arg Pro Leu Thr Phe
1 5 10

<210> 2359

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2359

Ser Arg Asp Leu Leu Leu Phe Pro Leu Asp Pro Leu His Phe
1 5 10

<210> 2360

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2360

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Arg Phe
1 5 10

<210> 2361

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2361

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ala Pro Leu Asp Phe
1 5 10

<210> 2362

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2362

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ser Pro Leu Ser Pro
1 5 10

<210> 2363

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2363

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Glu
1 5 10

<210> 2364

<211> 14
<212> PRT
<213> Homo sapiens

<400> 2364
Ser Arg Asp Leu Leu Leu Phe Pro Ala Ser Pro Leu Asn Pro
1 5 10

<210> 2365
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2365
Ser Arg Asp Leu Leu Leu Phe Pro His Thr His Leu Thr Phe
1 5 10

<210> 2366
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2366
Ser Arg Asp Leu Leu Leu Phe Pro Lys His Pro Leu Val Phe
1 5 10

<210> 2367
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2367
Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Asp Phe
1 5 10

<210> 2368
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2368
Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Ser Phe
1 5 10

<210> 2369
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2369
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Asp Pro
1 5 10

<210> 2370
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2370
Ser Arg Asp Leu Leu Phe Pro His Ala Pro Leu His Pro
1 5 10

<210> 2371
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2371
Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu Ser Pro
1 5 10

<210> 2372
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2372
Ser Arg Asp Leu Leu Leu Phe Pro Gln Asp Pro Leu Ser Pro
1 5 10

<210> 2373
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2373
Ser Arg Asp Leu Leu Leu Phe Pro Arg Thr Pro Leu Leu Phe
1 5 10

<210> 2374
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2374
Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Gly Leu Asp Ala
1 5 10

<210> 2375
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2375
Ser Arg Asp Leu Leu Leu Phe Pro His Thr Pro Leu Arg Phe
1 5 10

<210> 2376

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2376

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ser Pro Leu Gln Leu
1 5 10

<210> 2377

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2377

Ser Arg Asp Leu Leu Leu Phe Pro His His Pro Leu Thr Phe
1 5 10

<210> 2378

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2378

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Tyr Pro
1 5 10

<210> 2379

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2379

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Asp Leu
1 5 10

<210> 2380

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2380

Ser Arg Asp Leu Leu Leu Phe Pro Thr Phe Pro Leu Leu Phe
1 5 10

<210> 2381

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2381

Ser Arg Asp Leu Leu Leu Phe Pro Asp Ala Pro Leu Ala Pro
1 5 10

<210> 2382

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2382

Ser Arg Asp Leu Leu Leu Phe Pro Lys Ala Pro Leu Thr Phe

1

5

10

<210> 2383

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2383

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Ser Phe Phe Leu

1

5

10

<210> 2384

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2384

Ser Arg Asp Leu Leu Leu Phe Pro Lys Ser Pro Ile Leu Phe

1

5

10

<210> 2385

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2385

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ala Pro Leu Ser Phe

1

5

10

<210> 2386

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2386

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Ala Leu Tyr Pro

1

5

10

<210> 2387

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2387

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Tyr Pro

1 5 10

<210> 2388

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2388

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ser Pro Leu Phe Pro
1 5 10

<210> 2389

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2389

Ser Arg Asp Leu Leu Leu Phe Pro Gly Ser Pro Leu Thr Phe
1 5 10

<210> 2390

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2390

Ser Arg Asp Leu Leu Leu Phe Pro Ala Ser Pro Leu Ser Phe
1 5 10

<210> 2391

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2391

Ser Arg Asp Leu Leu Leu Phe Pro Ala Asp Ser Leu Ser Phe
1 5 10

<210> 2392

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2392

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Ser Leu Val Phe
1 5 10

<210> 2393

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2393

Ser Arg Asp Leu Leu Leu Phe Pro Lys His Pro Leu Arg Phe
1 5 10

<210> 2394

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2394

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Ala Pro
1 5 10

<210> 2395

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2395

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Gln Phe
1 5 10

<210> 2396

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2396

Ser Arg Asp Leu Leu Leu Phe Pro Leu Ser Pro Leu Val Pro
1 5 10

<210> 2397

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2397

Ala Arg Asp Leu Leu Leu Phe Pro Ala Ala Pro Leu Trp Pro
1 5 10

<210> 2398

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2398

Ser Arg Asp Leu Leu Leu Phe Pro Ala Ala His Leu Ser Phe
1 5 10

<210> 2399

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2399

Ser Arg Asp Leu Leu Leu Phe Pro His Phe Pro Leu Ile Phe
1 5 10

<210> 2400

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2400

Ser Arg Asp Leu Leu Leu Phe Pro His Gly Pro Leu Leu Ile
1 5 10

<210> 2401

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2401

Ser Arg Asp Leu Leu Leu Phe Pro Ala Ala Pro Leu Ala Phe
1 5 10

<210> 2402

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2402

Ser Arg Asp Leu Leu Leu Phe Pro His Gly Pro Leu Thr Phe
1 5 10

<210> 2403

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2403

Ser Arg Asp Leu Leu Leu Phe Pro Ala Ala Pro Leu Leu Phe
1 5 10

<210> 2404

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2404

Ser Arg Asp Leu Leu Leu Phe Pro His His Ala Leu Asp Val
1 5 10

<210> 2405

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2405
Ser Arg Asp Leu Leu Leu Phe Pro Ala Ala Pro Leu Ser Pro
1 5 10

<210> 2406
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2406
Ser Arg Asp Leu Leu Leu Phe Pro His His Gly Phe Asp Ala
1 5 10

<210> 2407
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2407
Ser Arg Asp Leu Leu Leu Phe Pro Ala Ala Pro Leu Thr Pro
1 5 10

<210> 2408
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2408
Ser Arg Asp Leu Leu Leu Phe Pro Ala Glu His Leu Leu Phe
1 5 10

<210> 2409
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2409
Ser Arg Asp Leu Leu Leu Phe Pro His His Pro Leu Asp Ser
1 5 10

<210> 2410
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2410
Ser Arg Asp Leu Leu Leu Phe Pro Ala Gly Pro Leu Arg Phe
1 5 10

<210> 2411
<211> 14
<212> PRT

<213> Homo sapiens

<400> 2411

Ser Arg Asp Leu Leu Leu Phe Pro His His Pro Leu Glu Pro
1 5 10

<210> 2412

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2412

Ser Arg Asp Leu Leu Leu Phe Pro Ala His Pro Leu Leu Phe
1 5 10

<210> 2413

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2413

Ser Arg Asp Leu Leu Leu Phe Pro His His Pro Leu Gln Phe
1 5 10

<210> 2414

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2414

Ser Arg Asp Leu Leu Leu Phe Pro Ala His Pro Leu Val Ile
1 5 10

<210> 2415

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2415

Ser Arg Asp Leu Leu Leu Phe Pro His His Pro Leu Ser Phe
1 5 10

<210> 2416

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2416

Ser Arg Asp Leu Leu Leu Phe Pro Ala Lys Pro Leu Leu Phe
1 5 10

<210> 2417

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2417

Ser Arg Asp Leu Leu Leu Phe Pro Ala Ser Pro Leu Ile Phe

1

5

10

<210> 2418

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2418

Ser Arg Asp Leu Leu Leu Phe Pro His His Arg Phe Asp Leu

1

5

10

<210> 2419

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2419

Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Phe Asp Ala

1

5

10

<210> 2420

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2420

Ser Arg Asp Leu Leu Leu Phe Pro Ala Ser Pro Leu Thr Phe

1

5

10

<210> 2421

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2421

Ser Arg Asp Leu Leu Leu Phe Pro Asp Ala Ala Leu Arg Phe

1

5

10

<210> 2422

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2422

Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Phe Asp Ser

1

5

10

<210> 2423

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2423

Ser Arg Asp Leu Leu Leu Phe Pro Asp Ala Pro Leu Phe Pro
1 5 10

<210> 2424

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2424

Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Phe Asp Thr
1 5 10

<210> 2425

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2425

Ser Arg Asp Leu Leu Leu Phe Pro Asp Ala Pro Leu His Pro
1 5 10

<210> 2426

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2426

Ser Arg Asp Leu Leu Leu Phe Pro Asp Ala Pro Leu Thr Pro
1 5 10

<210> 2427

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2427

Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Leu Phe Phe
1 5 10

<210> 2428

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2428

Ser Arg Asp Leu Leu Leu Phe Pro Asp Asp Gly Leu Ser Ser
1 5 10

<210> 2429
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2429
Ser Arg Asp Leu Leu Leu Phe Pro His His Ser Leu Leu Phe
1 5 10

<210> 2430
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2430
Ser Arg Asp Leu Leu Leu Phe Pro Asp Asp Pro Leu Leu Ser
1 5 10

<210> 2431
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2431
Ser Arg Asp Leu Leu Leu Phe Pro His Leu Pro Leu Thr Pro
1 5 10

<210> 2432
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2432
Ser Arg Asp Leu Leu Leu Phe Pro Asp Asp Pro Leu Ser Phe
1 5 10

<210> 2433
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2433
Ser Arg Asp Leu Leu Leu Phe Pro Asp Phe Pro Met Ala Pro
1 5 10

<210> 2434
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2434
Ser Arg Asp Leu Leu Leu Phe Pro Gln Glu Pro Leu Ala Pro
1 5 10

<210> 2435

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2435

Ser Arg Asp Leu Leu Leu Phe Pro Gln Glu Pro Leu Ser Pro
1 5 10

<210> 2436

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2436

Ser Arg Asp Leu Leu Leu Phe Pro His Gln Pro Leu Thr Phe
1 5 10

<210> 2437

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2437

Ser Arg Asp Leu Leu Leu Phe Pro Gln Glu Ser Phe Ser Leu
1 5 10

<210> 2438

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2438

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Ile Leu His Pro
1 5 10

<210> 2439

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2439

Ser Arg Asp Leu Leu Leu Phe Pro Asp His Ala Phe Phe Val
1 5 10

<210> 2440

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2440

Ser Arg Asp Leu Leu Leu Phe Pro Gln Gly Pro Leu Arg Phe
1 5 10

<210> 2441

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2441

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Ile Thr Phe
1 5 10

<210> 2442

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2442

Ser Arg Asp Leu Leu Leu Phe Pro Asp His Pro Leu Leu Phe
1 5 10

<210> 2443

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2443

Ser Arg Asp Leu Leu Leu Phe Pro Gln Gly Pro Leu Ser Phe
1 5 10

<210> 2444

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2444

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Asp Phe
1 5 10

<210> 2445

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2445

Ser Arg Asp Leu Leu Leu Phe Pro Asp Ser Pro Leu Ala Pro
1 5 10

<210> 2446

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2446

Ser Arg Asp Leu Leu Leu Phe Pro Gln His Gly Phe Asp Ala

```

1                                     10

<210> 2447
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2447
Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Phe Pro
  1             5             10

<210> 2448
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2448
Ser Arg Asp Leu Leu Leu Phe Pro Glu Gly Pro Leu Leu Phe
  1             5             10

<210> 2449
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2449
Ser Arg Asp Leu Leu Leu Phe Pro Gln His Gly Leu Asp Leu
  1             5             10

<210> 2450
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2450
Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu His Ser
  1             5             10

<210> 2451
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2451
Ser Arg Asp Leu Leu Leu Phe Pro Phe Ala Pro Leu Arg Phe
  1             5             10

<210> 2452
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2452

```

Ser Arg Asp Leu Leu Leu Phe Pro Gln His Pro Leu Ser Pro
1 5 10

<210> 2453
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2453
Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Leu Ile
1 5 10

<210> 2454
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2454
Ser Arg Asp Leu Leu Leu Phe Pro Phe Asp Pro Leu Leu Ile
1 5 10

<210> 2455
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2455
Ser Arg Asp Leu Leu Leu Phe Pro Gln Ser Pro Leu His Pro
1 5 10

<210> 2456
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2456
Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Leu
1 5 10

<210> 2457
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2457
Ser Arg Asp Leu Leu Leu Phe Pro Phe Glu Pro Leu Ile Ile
1 5 10

<210> 2458
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2458

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ser Pro Leu Leu Phe
1 5 10

<210> 2459

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2459

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Arg Ile
1 5 10

<210> 2460

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2460

Ser Arg Asp Leu Leu Leu Phe Pro Phe Phe Pro Leu Gln Phe
1 5 10

<210> 2461

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2461

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Ser Phe
1 5 10

<210> 2462

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2462

Ser Arg Asp Leu Leu Leu Phe Pro Phe Gly Thr Leu Arg Phe
1 5 10

<210> 2463

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2463

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Tyr Ile
1 5 10

<210> 2464

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2464
Ser Arg Asp Leu Leu Leu Phe Pro Phe Ser Pro Leu Ala Pro
1 5 10

<210> 2465
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2465
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Ile Leu
1 5 10

<210> 2466
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2466
Ser Arg Asp Leu Leu Leu Phe Pro Gln Ser Pro Leu Tyr Pro
1 5 10

<210> 2467
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2467
Ser Arg Asp Leu Leu Leu Phe Pro Gln Thr Pro Leu Phe Pro
1 5 10

<210> 2468
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2468
Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Thr
1 5 10

<210> 2469
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2469
Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala His Leu Arg Phe
1 5 10

<210> 2470
<211> 13
<212> PRT

<213> Homo sapiens

<400> 2470

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Tyr
1 5 10

<210> 2471

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2471

Ser Arg Asp Leu Leu Leu Phe Pro Phe Ser Pro Leu Leu Phe
1 5 10

<210> 2472

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2472

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Ala Phe
1 5 10

<210> 2473

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2473

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Ser Leu Asp Phe
1 5 10

<210> 2474

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2474

Ser Arg Asp Leu Leu Leu Phe Pro Phe Thr Pro Leu Thr Phe
1 5 10

<210> 2475

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2475

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Glu Leu
1 5 10

<210> 2476

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2476

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Ala Pro
1 5 10

<210> 2477

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2477

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Tyr Leu Ser Pro
1 5 10

<210> 2478

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2478

Ser Arg Asp Leu Leu Leu Phe Pro Gly Ala Pro Leu Ser Pro
1 5 10

<210> 2479

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2479

Ser Arg Asp Leu Leu Leu Phe Pro Thr Glu Pro Leu Val Leu
1 5 10

<210> 2480

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2480

Ser Arg Asp Leu Leu Leu Phe Pro His Thr Pro Leu Asp Ser
1 5 10

<210> 2481

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2481

Ser Arg Asp Leu Leu Leu Phe Pro Gly Asp Pro Leu Asp Phe
1 5 10

<210> 2482

<211> 14
<212> PRT
<213> Homo sapiens

<400> 2482
Ser Arg His Leu Leu Leu Phe Pro Gln Gly Pro Leu Ser Phe
1 5 10

<210> 2483
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2483
Ser Arg Asp Leu Leu Leu Phe Pro Asp Trp Pro Leu Tyr Pro
1 5 10

<210> 2484
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2484
Ser Arg Asp Leu Leu Leu Phe Pro Gly Ser Pro Leu His Pro
1 5 10

<210> 2485
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2485
Ser Arg Asp Leu Leu Leu Phe Pro His Thr Pro Leu His Phe
1 5 10

<210> 2486
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2486
Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Phe Phe
1 5 10

<210> 2487
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2487
Ser Arg Asp Leu Leu Leu Phe Pro Gly Ala Pro Leu Ala Pro
1 5 10

<210> 2488

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2488

Ser Arg Asp Leu Leu Leu Phe Pro Gly Ser Pro Leu Leu Asp
1 5 10

<210> 2489

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2489

Ser Arg Asp Leu Leu Leu Phe Pro His Thr Pro Leu Leu Phe
1 5 10

<210> 2490

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2490

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Leu Phe
1 5 10

<210> 2491

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2491

Ser Arg Asp Leu Leu Leu Phe Pro Gly Ser Pro Leu Leu Phe
1 5 10

<210> 2492

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2492

Ser Arg Asp Leu Leu Leu Phe Pro His Thr Pro Leu Thr Phe
1 5 10

<210> 2493

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2493

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Arg Phe
1 5 10

<210> 2494

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2494

Ser Arg Asp Leu Leu Leu Phe Pro His Leu Pro Leu Asn Pro
1 5 10

<210> 2495

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2495

Ser Arg Asp Leu Leu Leu Phe Pro His Thr Thr Leu Arg Phe
1 5 10

<210> 2496

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2496

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Ser Phe
1 5 10

<210> 2497

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2497

Ser Arg Asp Leu Leu Leu Phe Pro His Thr Ile Leu Tyr Pro
1 5 10

<210> 2498

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2498

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Gly Phe Asp Ser
1 5 10

<210> 2499

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2499

Ser Arg Asp Leu Leu Leu Phe Pro Met Leu Gly Leu Asp Leu
1 5 10

<210> 2500

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2500

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Thr Phe
1 5 10

<210> 2501

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2501

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Pro Leu Tyr Pro
1 5 10

<210> 2502

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2502

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ala Thr Leu Glu Phe
1 5 10

<210> 2503

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2503

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Asn Leu Ser Pro
1 5 10

<210> 2504

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2504

Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Gly Met Tyr Val
1 5 10

<210> 2505

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2505

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Ala Phe

1 5 10

<210> 2506
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2506
Ser Arg Asp Leu Leu Leu Phe Pro Gln Asn Pro Leu His Pro
1 5 10

<210> 2507
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2507
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Phe Thr Phe
1 5 10

<210> 2508
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2508
Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Pro Phe Asp Ala
1 5 10

<210> 2509
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2509
Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Asp Leu
1 5 10

<210> 2510
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2510
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Ala Pro
1 5 10

<210> 2511
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2511

Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Pro Leu Phe Leu
1 5 10

<210> 2512

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2512

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu His Phe
1 5 10

<210> 2513

<211> 14

<212> FRT

<213> Homo sapiens

<400> 2513

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Asp Leu
1 5 10

<210> 2514

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2514

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Leu Phe
1 5 10

<210> 2515

<211> 14

<212> FRT

<213> Homo sapiens

<400> 2515

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Leu Phe
1 5 10

<210> 2516

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2516

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Glu Phe
1 5 10

<210> 2517

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2517
Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Ser Leu Leu Leu
1 5 10

<210> 2518
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2518
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Asn Phe
1 5 10

<210> 2519
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2519
Ser Arg Asp Leu Leu Leu Phe Pro Arg Ser Ala Leu Thr Phe
1 5 10

<210> 2520
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2520
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Glu Ala
1 5 10

<210> 2521
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2521
Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Ser Leu Val Leu
1 5 10

<210> 2522
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2522
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Arg Phe
1 5 10

<210> 2523
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2523

Ser Arg Asp Leu Leu Leu Phe Pro Ser Gln Tyr Leu Asp Phe
1 5 10

<210> 2524

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2524

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Glu
1 5 10

<210> 2525

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2525

Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Thr Leu Leu Phe
1 5 10

<210> 2526

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2526

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Ser Phe
1 5 10

<210> 2527

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2527

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Arg Ile
1 5 10

<210> 2528

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2528

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ser Pro Leu Gln Pro
1 5 10

<210> 2529

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2529

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Phe Glu
1 5 10

<210> 2530

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2530

Ser Arg Asp Leu Leu Leu Phe Pro Ile Ser Pro Leu Cys Phe
1 5 10

<210> 2531

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2531

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Thr Phe
1 5 10

<210> 2532

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2532

Ser Arg Asp Leu Leu Leu Phe Pro Tyr His Pro Leu Leu Phe
1 5 10

<210> 2533

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2533

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Phe Pro
1 5 10

<210> 2534

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2534

Ser Arg Asp Leu Leu Leu Phe Pro Lys Ala Pro Leu Asp Phe
1 5 10

<210> 2535

<211> 14

<212> PRT
<213> Homo sapiens

<400> 2535
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ala Pro Leu Tyr Gly
1 5 10

<210> 2536
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2536
Ser Arg Asp Leu Leu Leu Phe Pro His Tyr Pro Leu Glu Met
1 5 10

<210> 2537
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2537
Ser Arg Asp Leu Leu Leu Phe Pro Thr Asp Ala Leu Arg Ile
1 5 10

<210> 2538
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2538
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Asp Phe
1 5 10

<210> 2539
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2539
Ser Arg Asp Leu Leu Leu Phe Pro Thr Asp Ala Leu Tyr Phe
1 5 10

<210> 2540
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2540
Ser Arg Asp Leu Leu Leu Phe Pro Thr Glu Pro Leu Gln Phe
1 5 10

<210> 2541

<211> 14
<212> PRT
<213> Homo sapiens

<400> 2541
Ser Arg Asp Leu Leu Leu Phe Pro Thr Phe Pro Leu Ile Phe
1 5 10

<210> 2542
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2542
Ser Arg Asp Leu Leu Leu Phe Pro Arg Gly Pro Leu Arg Phe
1 5 10

<210> 2543
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2543
Ser Arg Asp Leu Leu Leu Phe Pro Arg His Pro Leu Leu Phe
1 5 10

<210> 2544
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2544
Ser Arg Asp Leu Leu Leu Phe Pro Lys Ala Pro Leu Val Phe
1 5 10

<210> 2545
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2545
Ser Arg Asp Leu Leu Leu Phe Pro Arg His Pro Leu Val Phe
1 5 10

<210> 2546
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2546
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Phe Thr
1 5 10

<210> 2547

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2547

Ser Arg Asp Leu Leu Leu Phe Pro Lys Ser Pro Leu Ala Phe

1

5

10

<210> 2548

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2548

Ser Arg Asp Leu Leu Leu Phe Pro Arg Pro Leu Leu Leu Phe

1

5

10

<210> 2549

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2549

Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu Ser Pro

1

5

10

<210> 2550

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2550

Ser Arg Asp Leu Leu Leu Phe Pro Leu Ala Pro Leu Phe Phe

1

5

10

<210> 2551

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2551

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ser Pro Leu Leu Phe

1

5

10

<210> 2552

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2552

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Leu Leu

1

5

10

<210> 2553

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2553

Ser Arg Asp Leu Leu Leu Phe Pro Leu Ala Pro Leu His Pro

1

5

10

<210> 2554

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2554

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Gln

1

5

10

<210> 2555

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2555

Ser Arg Asp Leu Leu Leu Phe Pro Leu Ala Pro Leu Ser Phe

1

5

10

<210> 2556

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2556

Ser Arg Asp Leu Leu Leu Phe Pro Thr His Pro Leu Leu Phe

1

5

10

<210> 2557

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2557

Ser Arg Asp Leu Leu Leu Phe Pro Arg Ser Pro Leu Ser Phe

1

5

10

<210> 2558

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2558

Ser Arg Asp Leu Leu Leu Phe Pro Arg Asp Pro Leu Ile Ile

1

5

10

<210> 2559
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2559
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Arg Phe
1 5 10

<210> 2560
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2560
Ser Arg Asp Leu Leu Leu Phe Pro Leu Asp Pro Leu Ile Ile
1 5 10

<210> 2561
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2561
Ser Arg Asp Leu Leu Leu Phe Pro Thr His Pro Leu Ser Phe
1 5 10

<210> 2562
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2562
Ser Arg Asp Leu Leu Leu Phe Pro Arg Ser Pro Leu Thr Phe
1 5 10

<210> 2563
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2563
Ser Arg Asp Leu Leu Leu Phe Pro His Ser Pro Leu His Pro
1 5 10

<210> 2564
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2564
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Ser Phe

1 5 10

<210> 2565

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2565

Ser Arg Asp Leu Leu Leu Phe Pro Leu Glu Pro Met His Phe
1 5 10

<210> 2566

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2566

Ser Arg Asp Leu Leu Leu Phe Pro Thr Gln Pro Leu Ser Phe
1 5 10

<210> 2567

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2567

Ser Arg Asp Leu Leu Leu Phe Pro Arg Thr Pro Leu Thr Phe
1 5 10

<210> 2568

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2568

Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Ala Leu Ser Phe
1 5 10

<210> 2569

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2569

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Ser His
1 5 10

<210> 2570

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2570

Ser Arg Asp Leu Leu Leu Phe Pro Leu His Pro Leu Ile Phe
1 5 10

<210> 2571

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2571

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ser Pro Leu Phe Phe
1 5 10

<210> 2572

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2572

Ser Arg Asp Leu Leu Leu Phe Pro Arg Thr Tyr Leu Asp Phe
1 5 10

<210> 2573

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2573

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Ser Pro
1 5 10

<210> 2574

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2574

Ser Arg Asp Leu Leu Leu Phe Pro Leu Ser Pro Leu Ser Phe
1 5 10

<210> 2575

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2575

Ser Arg Asp Leu Leu Leu Phe Pro Thr Ser Pro Leu Arg Leu
1 5 10

<210> 2576

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2576
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu His Pro
1 5 10

<210> 2577
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2577
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Thr Pro
1 5 10

<210> 2578
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2578
Ser Arg Asp Leu Leu Leu Phe Pro Leu Ser Pro Leu Trp Pro
1 5 10

<210> 2579
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2579
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ser Pro Leu Ser Phe
1 5 10

<210> 2580
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2580
Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Leu Leu
1 5 10

<210> 2581
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2581
Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Val Leu
1 5 10

<210> 2582
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2582
Ser Arg Asp Leu Leu Leu Phe Pro Thr Ser Pro Leu Thr Phe
1 5 10

<210> 2583
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2583
Ser Arg Asp Leu Leu Leu Phe Pro Thr Thr Pro Leu His Phe
1 5 10

<210> 2584
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2584
Ser Arg Asp Leu Leu Leu Phe Pro Thr Tyr Pro Leu His Phe
1 5 10

<210> 2585
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2585
Ser Arg Asp Leu Leu Leu Phe Pro Arg Tyr Pro Leu Phe Phe
1 5 10

<210> 2586
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2586
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala His Leu Leu Phe
1 5 10

<210> 2587
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2587
Ser Arg Asp Leu Leu Leu Phe Pro Leu Ser Ser Leu Glu Phe
1 5 10

<210> 2588
<211> 14
<212> PRT

<213> Homo sapiens

<400> 2588

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Ile Ser Phe
1 5 10

<210> 2589

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2589

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Tyr Phe
1 5 10

<210> 2590

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2590

Ser Arg Asp Leu Leu Leu Phe Pro Leu Thr Pro Leu Leu Ile
1 5 10

<210> 2591

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2591

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Ile Val Phe
1 5 10

<210> 2592

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2592

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Leu Tyr Pro
1 5 10

<210> 2593

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2593

Ser Arg Asp Leu Leu Leu Phe Pro Met Ala Pro Leu Arg Phe
1 5 10

<210> 2594

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2594

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Ala Phe
1 5 10

<210> 2595

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2595

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Pro Met Asp Pro
1 5 10

<210> 2596

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2596

Ser Arg Asp Leu Leu Leu Phe Pro Met Ala Pro Leu Ser Pro
1 5 10

<210> 2597

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2597

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Asp Phe
1 5 10

<210> 2598

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2598

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Ala Leu Gln Ser
1 5 10

<210> 2599

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2599

Ser Arg Asp Leu Leu Leu Phe Pro Met Ala Pro Leu Val Gly
1 5 10

<210> 2600

<211> 14
<212> PRT
<213> Homo sapiens

<400> 2500
Ser Arg Asp Leu Leu Leu Phe Pro Thr Tyr Pro Leu Ser Phe
1 5 10

<210> 2501
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2501
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Asp Pro
1 5 10

<210> 2502
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2502
Ser Arg Asp Leu Leu Leu Phe Pro His Asp His Leu Leu Phe
1 5 10

<210> 2503
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2503
Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu Asp Pro
1 5 10

<210> 2504
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2504
Ser Arg Asp Leu Leu Leu Phe Pro Thr Tyr Pro Leu Val Phe
1 5 10

<210> 2505
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2505
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu His Pro
1 5 10

<210> 2606
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2606
Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Ala Pro
1 5 10

<210> 2607
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2607
Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu Asp Ser
1 5 10

<210> 2608
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2608
Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ala Pro Leu Ala Phe
1 5 10

<210> 2609
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2609
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Arg Phe
1 5 10

<210> 2610
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2610
Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu His Pro
1 5 10

<210> 2611
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2611
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Ser Phe
1 5 10

<210> 2612

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2612

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Ile

1

5

10

<210> 2613

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2613

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu Leu Leu

1

5

10

<210> 2614

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2614

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Leu Phe

1

5

10

<210> 2615

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2615

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu Asn Pro

1

5

10

<210> 2616

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2616

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Ser Pro

1

5

10

<210> 2617

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2617

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ala Pro Leu Thr Phe

1

5

10

<210> 2618

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2618

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ala Thr Leu Ser Phe
1 5 10

<210> 2619

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2619

Ser Arg Asp Leu Leu Leu Phe Pro His Ala Ala Phe Asp Val
1 5 10

<210> 2620

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2620

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ala Val Leu His Phe
1 5 10

<210> 2621

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2621

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Asp Pro Leu His Phe
1 5 10

<210> 2622

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2622

Ser Arg Asp Leu Leu Leu Phe Pro Thr Asp Ser Leu Leu Phe
1 5 10

<210> 2623

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2623

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Ser Pro

1 5 10

<210> 2624
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2624
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Ser Ser
1 5 10

<210> 2625
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2625
Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Pro Leu Ser Phe
1 5 10

<210> 2626
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2626
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Thr Phe
1 5 10

<210> 2627
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2627
Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Thr Phe
1 5 10

<210> 2628
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2628
Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Pro Arg Phe
1 5 10

<210> 2629
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2629

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ala Val Leu Asp Ile
1 5 10

<210> 2630

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2630

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Thr Pro
1 5 10

<210> 2631

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2631

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Ser Phe Asp Leu
1 5 10

<210> 2632

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2632

Ser Arg Asp Leu Leu Leu Phe Pro Asn Asp Ala Leu Ser
1 5 10

<210> 2633

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2633

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Ala Phe
1 5 10

<210> 2634

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2634

Ser Arg Asp Leu Leu Leu Phe Pro Asn Asp Pro Leu Leu Ile
1 5 10

<210> 2635

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2635

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Asp Pro Leu His Ser
1 5 10

<210> 2636

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2636

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Cys Phe
1 5 10

<210> 2637

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2637

Ser Arg Asp Leu Leu Leu Phe Pro Asn Asp Pro Leu Arg
1 5 10

<210> 2638

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2638

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Asp Pro Leu Leu Phe
1 5 10

<210> 2639

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2639

Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Pro Leu Gly Phe
1 5 10

<210> 2640

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2640

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Phe Pro
1 5 10

<210> 2641

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2641

Ser Arg Asp Leu Leu Leu Phe Pro Asn Asp Pro Leu Val Leu
1 5 10

<210> 2642

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2642

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Glu Pro Leu Arg Phe
1 5 10

<210> 2643

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2643

Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Pro Leu Ser Ala
1 5 10

<210> 2644

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2644

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Ile Phe
1 5 10

<210> 2645

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2645

Ser Arg Asp Leu Leu Leu Phe Pro Asn Gly Ala Leu Arg Phe
1 5 10

<210> 2646

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2646

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Phe Pro Leu Val Phe
1 5 10

<210> 2647

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2647

Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Pro Leu Ser Phe
1 5 10

<210> 2648

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2648

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Leu Ile
1 5 10

<210> 2649

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2649

Ser Arg Asp Leu Leu Leu Phe Pro Asn Gly Pro Leu His Pro
1 5 10

<210> 2650

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2650

Ser Arg Asp Leu Leu Leu Phe Pro Tyr His Ser Tyr Asp Ile
1 5 10

<210> 2651

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2651

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Ser Pro
1 5 10

<210> 2652

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2652

Ser Arg Asp Leu Leu Leu Phe Pro Asn His Ala Phe Asp Leu
1 5 10

<210> 2653

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2653

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Asn Pro Pro Ile Phe
1 5 10

<210> 2654

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2654

Ser Arg Asp Leu Leu Leu Phe Pro His Glu Pro Leu Thr Ala
1 5 10

<210> 2655

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2655

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser His Leu Glu Phe
1 5 10

<210> 2656

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2656

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Ala Phe
1 5 10

<210> 2657

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2657

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Phe Pro
1 5 10

<210> 2658

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2658

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu His Pro
1 5 10

<210> 2659

<211> 14
<212> PRT
<213> Homo sapiens

<400> 2659
Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Pro Leu Ser Leu
1 5 10

<210> 2660
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2660
Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Pro Leu Val Phe
1 5 10

<210> 2661
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2661
Ser Arg Asp Leu Leu Leu Phe Pro Asn His Pro Leu Thr Phe
1 5 10

<210> 2662
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2662
Ser Arg Asp Leu Leu Leu Phe Pro Ser Asp Ser Gly Phe Ala
1 5 10

<210> 2663
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2663
Ser Arg Asp Leu Leu Leu Phe Pro Asn His Pro Leu Tyr Pro
1 5 10

<210> 2664
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2664
Ser Arg Asp Leu Leu Leu Phe Pro Ser Glu Pro Leu Phe Phe
1 5 10

<210> 2665
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2665
Ser Arg Asp Leu Leu Leu Phe Pro Asn His Pro Met Phe Pro
1 5 10

<210> 2666
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2666
Ser Arg Asp Leu Leu Leu Phe Pro Ser Glu Pro Leu Gln Leu
1 5 10

<210> 2667
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2667
Ser Arg Asp Leu Leu Leu Phe Pro Asn Gln Pro Leu Ser Phe
1 5 10

<210> 2668
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2668
Ser Arg Asp Leu Leu Leu Phe Pro Ser Glu Pro Leu Trp Pro
1 5 10

<210> 2669
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2669
Ser Arg Asp Leu Leu Leu Phe Pro Asn Arg Gly Leu Asp Leu
1 5 10

<210> 2670
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2670
Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Leu Phe
1 5 10

<210> 2671

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2671

Ser Arg Asp Leu Leu Leu Phe Pro Ser Phe Pro Leu Leu Phe

1

5

10

<210> 2672

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2672

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ser Pro Leu Ala Pro

1

5

10

<210> 2673

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2673

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Gln Pro

1

5

10

<210> 2674

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2674

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Ala Phe Asp Leu

1

5

10

<210> 2675

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2675

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ser Pro Leu His Pro

1

5

10

<210> 2676

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2676

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Ser Phe

1

5

10

<210> 2677

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2677

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Ala Phe His Glu

1

5

10

<210> 2678

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2678

Ser Arg Asp Leu Leu Leu Phe Pro Asn Ser Thr Leu Ser Phe

1

5

10

<210> 2679

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2679

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Thr His

1

5

10

<210> 2680

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2680

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Pro Leu Phe Phe

1

5

10

<210> 2681

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2681

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Glu Pro

1

5

10

<210> 2682

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2682

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Thr Pro Leu Leu Phe

1 5 10

<210> 2683
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2683
Ser Arg Asp Leu Leu Leu Phe Pro Gin Ala Pro Leu Phe Asp
1 5 10

<210> 2684
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2684
Ser Arg Tyr Leu Leu Leu Phe Pro Asp His Ser Phe Asp Leu
1 5 10

<210> 2685
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2685
Ser Arg Tyr Leu Leu Leu Phe Pro His Tyr Gly Met Asp Val
1 5 10

<210> 2686
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2686
Ser Arg Tyr Leu Leu Leu Phe Pro His Tyr Pro Leu Leu Phe
1 5 10

<210> 2687
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2687
Ser Arg Asp Leu Leu Leu Phe Pro Ser His Pro Leu Leu Phe
1 5 10

<210> 2688
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2688

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Pro Leu Ser Phe
1 5 10

<210> 2689

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2689

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Phe Pro
1 5 10

<210> 2690

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2690

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Pro Leu Thr Phe
1 5 10

<210> 2691

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2691

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu His Pro
1 5 10

<210> 2692

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2692

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Ser Phe Asp Ile
1 5 10

<210> 2693

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2693

Ser Arg Asp Leu Leu Leu Phe Pro Ser His Ser Phe Asp Val
1 5 10

<210> 2694

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2694

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Leu Phe
1 5 10

<210> 2695

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2695

Ser Arg Asp Leu Leu Leu Phe Pro Ser Met Pro Leu Thr Phe
1 5 10

<210> 2696

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2696

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Ser Phe
1 5 10

<210> 2697

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2697

Ser Arg Tyr Leu Leu Leu Phe Pro Tyr Ala Pro Leu Tyr Asp
1 5 10

<210> 2698

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2698

Ser Arg Asp Leu Leu Leu Phe Pro Ser Asn Pro Leu Thr Phe
1 5 10

<210> 2699

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2699

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Ser Pro
1 5 10

<210> 2700

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2700

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Gly Leu Ala Pro
1 5 10

<210> 2701

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2701

Ser Arg Asp Leu Leu Leu Phe Pro Ser Pro Tyr Leu Ser Phe
1 5 10

<210> 2702

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2702

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Thr Phe
1 5 10

<210> 2703

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2703

Ser Arg Tyr Leu Leu Leu Phe Pro Gln His Gly Phe Asp Ala
1 5 10

<210> 2704

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2704

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser His Leu Ser Phe
1 5 10

<210> 2705

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2705

Ser Arg Asp Leu Leu Leu Phe Pro Gln Ala Pro Leu Thr Asn
1 5 10

<210> 2706

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2706

Ser Arg Asp Leu Leu Leu Phe Pro His Asp Pro Leu Tyr Phe
1 5 10

<210> 2707

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2707

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Ala Phe
1 5 10

<210> 2708

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2708

Ser Arg Asp Leu Leu Leu Phe Pro Gln Asp Pro Leu Val Phe
1 5 10

<210> 2709

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2709

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ala Pro Leu Asn Pro
1 5 10

<210> 2710

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2710

Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Tyr Pro
1 5 10

<210> 2711

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2711

Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Glu Phe
1 5 10

<210> 2712

<211> 14

<212> PRT
<213> Homo sapiens

<400> 2712
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Ile Phe
1 5 10

<210> 2713
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2713
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Leu Phe
1 5 10

<210> 2714
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2714
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Arg Ile
1 5 10

<210> 2715
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2715
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Ser Phe
1 5 10

<210> 2716
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2716
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Ser Asn
1 5 10

<210> 2717
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2717
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Ser Pro
1 5 10

<210> 2718

<211> 14
<212> PRT
<213> Homo sapiens

<400> 2718
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Thr Phe
1 5 10

<210> 2719
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2719
Ser Arg Asp Leu Leu Leu Phe Pro Tyr Ser Pro Leu Arg Phe
1 5 10

<210> 2720
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2720
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Tyr Phe
1 5 10

<210> 2721
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2721
Ser Arg Asp Leu Leu Leu Phe Pro Arg Thr Pro Leu Val Phe
1 5 10

<210> 2722
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2722
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Ala Leu Arg Phe
1 5 10

<210> 2723
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2723
Ser Arg Asp Leu Leu Leu Phe Pro Ser Ser Pro Leu Val Phe
1 5 10

<210> 2724
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2724
Ser Arg Asp Leu Leu Leu Phe Pro Tyr Asp Pro Leu Phe Met
1 5 10

<210> 2725
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2725
Arg Asp Tyr Asp Ile Leu Thr Gly Tyr Ser Arg Gly Phe Asp Pro
1 5 10 15

<210> 2726
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2726
Asp Ile Lys Arg Tyr Asn Ser Asn Trp Pro Tyr Tyr Asp Tyr Tyr Met
1 5 10 15

Asp Val

<210> 2727
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2727
His Val Arg Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Gly His His
1 5 10 15

Phe Asp Tyr

<210> 2728
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2728
Asp His Tyr Asp Val Leu Thr Gly Ser Tyr Leu Gln Ala Phe Asp Val
1 5 10 15

<210> 2729

<211> 24
<212> PRT
<213> Homo sapiens

<400> 2729
Gly Pro Arg Gly Gly Pro Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu
1 5 10 15

Ser Leu Ser Asp Ala Phe Asp Ile
20

<210> 2730
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2730
Val His Tyr Asp Ile Leu Thr Gly Tyr Leu Trp Ala Phe Asp Ile
1 5 10 15

<210> 2731
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2731
Gly Arg Tyr Asp Phe Leu Thr Gly Tyr Leu Arg Asn Phe Asp Tyr
1 5 10 15

<210> 2732
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2732
Val Ser Gly Tyr Asn Ser Gly Tyr Phe Glu Ser Tyr Asp Met Asp Val
1 5 10 15

<210> 2733
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2733
Gly Ser Val Tyr Asp Ile Leu Thr Gly Thr Tyr Tyr Lys Ser Gly Met
1 5 10 15

Gly Val

<210> 2734
<211> 15

<212> PRT

<213> Homo sapiens

<400> 2734

Phe Arg Tyr Asp Ile Leu Thr Ser Tyr Tyr Tyr Gly Met Asp Val
1 5 10 15

<210> 2735

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2735

Asp Lys Ala His Gly Glu Tyr Gly Arg Asp Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2736

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2736

Glu Thr Arg Lys Tyr Thr Ser Ser Pro Pro Tyr Asn Tyr Tyr Tyr Met
1 5 10 15

Asp Val

<210> 2737

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2737

Glu Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Asn Phe Phe Asp Tyr
1 5 10 15

<210> 2738

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2738

Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Pro Leu His Ala Phe Asp Ile
1 5 10 15

<210> 2739

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2739

Asp Arg Ala Asp Ile Leu Thr Gly Tyr Asn Asp Ala Phe Asp Ile
1 5 10 15

<210> 2740

<211> 8

<212> PRT

<213> Homo sapiens

<400> 2740

Pro Ser Tyr His Tyr Met Asp Val
1 5

<210> 2741

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2741

Asp Phe Tyr Asp Ile Leu Thr Gly Tyr Pro Leu Gly Gly Met Asp Val
1 5 10 15

<210> 2742

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2742

Gly Asp Tyr Asp Val Leu Thr Gly Tyr Leu Arg Lys Leu Asp Tyr
1 5 10 15

<210> 2743

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2743

Glu Glu Ser Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Val His Tyr Tyr
1 5 10 15

Gly Met Asp Val
20

<210> 2744

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2744

Gly Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Leu Val Tyr Tyr Gly Met
1 5 10 15

Asp Val

<210> 2745

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2745

Asp Ser Tyr Asp Ile Leu Thr Gly Tyr Arg Gly Tyr Tyr Phe Asp Tyr
1 5 10 15

<210> 2746

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2746

Ser His Tyr Asp Ile Leu Thr Gly Leu Asn Tyr Trp Tyr Phe Asp Tyr
1 5 10 15

<210> 2747

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2747

Glu Gly Ala His Tyr Asp Ile Leu Thr Gly His Asn Tyr Tyr His Tyr
1 5 10 15

Gly Met Asp Val

20

<210> 2748

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2748

Ala Thr Lys Ser Tyr Asp Ile Leu Thr Arg Met Tyr Tyr Tyr His Met
1 5 10 15

Asp Val

<210> 2749

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2749

Gly Pro Gly Val Ile Gly Asn Tyr Asp Tyr
1 5 10

<210> 2750

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2750

Thr Arg Met Asp Val Leu Thr Arg Tyr Tyr Ser Asp Phe
1 5 10

<210> 2751

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2751

Glu Val Arg Asn Tyr Asp Leu Leu Thr Arg Ser Tyr Leu Ala Gly Pro
1 5 10 15

Leu Asp Asn

<210> 2752

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2752

Glu Asn Gly Asp Tyr Asp Ile Leu Thr Gly Gln Thr Phe Tyr Gly Met
1 5 10 15

Asp Val

<210> 2753

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2753

Glu Gly Tyr Asp Ile Leu Thr Gly Tyr Phe Leu Asp Tyr Tyr His Gly
1 5 10 15

Met Asp Val

<210> 2754

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2754

His Ser Lys Glu Tyr Asn Trp Asn Tyr Ala Leu Asp Tyr
1 5 10

<210> 2755

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2755

Arg Tyr Gly Asp Pro Phe Tyr Tyr Tyr Tyr Tyr Met Asn Val
1 5 10

<210> 2756

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2756

Arg Phe Tyr Asp Leu Leu Thr Gly Tyr Ser Ala Phe Asp Ser
1 5 10

<210> 2757

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2757

Ala Gly Tyr Asp Leu Leu Thr Gly Tyr Pro Phe Tyr Phe Asp Ser
1 5 10 15

<210> 2758

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2758

Ser Asp Asp Tyr Asp Ile Leu Thr Gly Asn Tyr Val Gly Ser Leu Leu
1 5 10 15

Asp Tyr

<210> 2759

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2759

Gly Ser Leu Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Asn Ala

1 5 10 15

Phe Asp Ile

<210> 2760

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2760

Asp His Tyr Asp Ile Leu Thr Gly Leu Tyr Tyr Tyr Gly Met Asp Val
1 5 10 15

<210> 2761

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2761

Asp Arg Gly Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Thr Pro Pro His
1 5 10 15

Tyr Tyr Gly Met Asp Val
20

<210> 2762

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2762

Ala Asp Tyr Asp Ile Leu Thr Gly Tyr Ser Pro Leu Thr Tyr Gly Met
1 5 10 15

Asp Val

<210> 2763

<211> 21

<212> PRT

<213> Homo sapiens

<400> 2763

Glu Asp Ala Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Met Gly Ser
1 5 10 15

Tyr Gly Met Asp Val
20

<210> 2764
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2764
Gly Gly Tyr Asp Ile Leu Thr Gln Tyr Pro Ala Glu Phe Phe His Pro
1 5 10 15

<210> 2765
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2765
Ala Arg Arg Val Gly Val Leu Gly Gly Lys Asn Ala Phe Glu Ile
1 5 10 15

<210> 2766
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2766
Gly Ser Gly Tyr Asp Leu Leu Thr Gly Tyr Phe Thr Gly Ser Pro Leu
1 5 10 15

Asp Tyr

<210> 2767
<211> 20
<212> PRT
<213> Homo sapiens

<400> 2767
Gln Lys Val Tyr Tyr Asp Ile Leu Thr Gly Tyr Asn Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val
20

<210> 2768
<211> 14
<212> PRT
<213> Homo sapiens

<400> 2768
Glu Gly Ala Ala Asp Tyr Leu Asn Gly Gln Tyr Phe Gln Asp
1 5 10

<210> 2769

<211> 21
<212> PRT
<213> Homo sapiens

<400> 2769
Asn Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Trp Asp Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val
20

<210> 2770
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2770
His Arg Ser Arg Ser Cys Ser Ser Thr Ser Cys Arg Asn Asp Ala Phe
1 5 10 15

Asp Ile

<210> 2771
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2771
Ala Tyr Tyr Asp Ile Leu Thr Gly Phe Leu Pro Tyr Asp Met Asp Leu
1 5 10 15

<210> 2772
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2772
Glu Asn Tyr Asp Phe Leu Thr Gly Tyr Tyr Gly Ala Phe Asp Ile
1 5 10 15

<210> 2773
<211> 12
<212> PRT
<213> Homo sapiens

<400> 2773
Ala Gly Ser Ser Leu Met Thr Tyr Gly Thr Asp Val
1 5 10

<210> 2774
<211> 17

<212> PRT
<213> Homo sapiens

<400> 2774
Gly Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe His Tyr Gly Met Asp
1 5 10 15

Val

<210> 2775
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2775
Asp Gly Ile Tyr Asp Ile Leu Thr Thr Leu Val Ser Tyr Tyr Asn Gly
1 5 10 15

Met Asp Val

<210> 2776
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2776
Asp Lys Thr Leu Gly Asp Gln Leu Val Glu Ala Tyr Tyr Tyr Asp Gly
1 5 10 15

Met Asp Val

<210> 2777
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2777
Asp Phe Gly Val Ile Gly Asp Tyr Arg Pro Phe Asp Tyr
1 5 10

<210> 2778
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2778
Glu Val Arg Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Ser Tyr Met
1 5 10 15

Asp Val

<210> 2779
<211> 8
<212> PRT
<213> Homo sapiens

<400> 2779
Asp Gln Arg Lys Ala Gln Asp Ile
1 5

<210> 2780
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2780
Ala Thr His Asp Pro Leu Thr Gly Tyr Ser Phe Asp Gly Phe Asp Ile
1 5 10 15

<210> 2781
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2781
Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Met Asp Val
1 5 10

<210> 2782
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2782
Thr Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Gln Gly Val Asp Tyr
1 5 10 15

<210> 2783
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2783
Ala Ala Tyr Asp Pro Leu Thr Gly Tyr Ser Phe Asp Gly Phe Asp Ile
1 5 10 15

<210> 2784
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2784

Glu	Arg	His	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Gln	Thr	Gly	Tyr	Gly
1					5				10					15	

Met Asp Val

<210> 2785

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2785

Arg	Ser	Met	Ile	Val	Val	Thr	Thr	Ala	Pro	Tyr	Asp	Ala	Phe	Asp	Leu
1				5					10					15	

<210> 2786

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2786

Met	Asn	Tyr	Asp	Ile	Leu	Thr	Gly	Leu	Val	Asn	Trp	Phe	Asp	Pro
1				5					10					15

<210> 2787

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2787

Gly	Gly	Glu	Leu	Val	Trp	Phe	Gly	Glu	Ser	Asp	Tyr	Tyr	Gly	Met	Asp
1				5					10					15	

Val

<210> 2788

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2788

Thr	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	His	Phe	Asp	Tyr
1				5					10			

<210> 2789

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2789

Gly Leu Arg His Val Thr Leu Phe Gly Thr Gly Thr Arg Gly His Phe
 1 5 10 15

Tyr Met Asp Val
 20

<210> 2790

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2790

Gly Leu Tyr Phe Glu Asp Thr Asn Tyr Arg His Gly Asp Ala Phe Asp
 1 5 10 15

Ile

<210> 2791

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2791

Val Tyr Tyr Asp Ile Leu Thr Gly His Pro Thr Tyr Gly Met Asp Val
 1 5 10 15

<210> 2792

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2792

Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Pro Leu Arg Asp Tyr
 1 5 10 15

<210> 2793

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2793

Gly Pro Trp Tyr Asp Pro Leu Phe Pro Pro Ser Gly Arg His Tyr Gly
 1 5 10 15

Leu Asp Val

<210> 2794

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2794

Asp Ile Asp Ala Arg Leu Ala Ala Leu Asp Ala Phe Asp Ile
1 5 10

<210> 2795

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2795

Asp Val Ser Gly His Asp Ile Leu Thr Gly Tyr Ser Tyr Arg Tyr Phe
1 5 10 15

Asp Val

<210> 2796

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2796

Gly Gly His Thr Cys Ile Ile Pro Thr Cys His Met Gly Gly
1 5 10

<210> 2797

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2797

Ser Gly Glu Pro Cys Ile Thr Leu Ala Cys Asn Leu Gly Gly
1 5 10

<210> 2798

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2798

Glu Arg Pro Tyr Asp Ile Leu Thr Gly Tyr Thr Val Thr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2799

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2799

Leu Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Pro Ser Gly Phe Asp Tyr
1 5 10 15

<210> 2800

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2800

Gly Thr Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Met Gly Ser Ala Phe
1 5 10 15

Asp Gln

<210> 2801

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2801

Gly Pro Arg Tyr Tyr Asp Ile Leu Thr Gly Tyr Arg Tyr Asn Trp Phe
1 5 10 15

Asp Pro

<210> 2802

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2802

Glu Arg Ala Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Phe Tyr Gly Met
1 5 10 15

Asp Val

<210> 2803

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2803

Asp Asp Tyr Asp Ile Leu Thr Gly Ser Leu Tyr Tyr Phe Asp Ser
1 5 10 15

<210> 2804
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 2804
 Asp Thr Val Arg Ser Gly Gly Met Asp Val
 1 5 10

<210> 2805
 <211> 18
 <212> PRT
 <213> Homo sapiens

<400> 2805
 Val Gly Leu Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Pro Ser Gly Met
 1 5 10 15

Asp Val

<210> 2806
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 2806
 Pro Tyr Tyr Asp Pro Leu Thr Ala Tyr Thr Phe Gln Tyr Phe Gly Asn
 1 5 10 15

<210> 2807
 <211> 22
 <212> PRT
 <213> Homo sapiens

<400> 2807
 Gly Arg Glu Asp Thr Asp Lys Val Lys Leu Trp Asp Arg Tyr Tyr His
 1 5 10 15

Tyr Tyr Tyr Met Asp Val
 20

<210> 2808
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 2808
 Lys Gln Arg Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Gln Leu Gly Tyr
 1 5 10 15

Ala Phe Asp Ile

20

<210> 2809

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2809

Gly	Arg	Glu	Asp	Thr	Asp	Lys	Val	Lys	Pro	Trp	Asp	Arg	Tyr	Tyr	His
1					5				10					15	

Tyr Tyr Tyr Met Asp Val

20

<210> 2810

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2810

Ile	Arg	Leu	Tyr	Cys	Tyr	Ser	Leu	Thr	Gly	Tyr	Tyr	Pro	Tyr	Gly	Met
1				5					10					15	

Asp Asp

<210> 2811

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2811

Gly	Arg	Arg	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Tyr	Tyr	His	His	Gly
1				5					10					15	

Met Asp Val

<210> 2812

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2812

Ser	Asp	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Trp	Val	Pro	Ala	Val
1				5				10					15

<210> 2813

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2813

Gly	Arg	Lys	Asp	Thr	Asp	Lys	Val	Lys	Pro	Trp	Asp	Arg	Tyr	Tyr	His
1				5					10					15	

Tyr Tyr Tyr Met Asp Val

20

<210> 2814

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2814

Thr	Asp	Arg	Phe	Gly	Ala	Lys	Asp	Val	Thr	Ser	Arg	Trp	Gly	Met	Asp
1				5					10					15	

Val

<210> 2815

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2815

Glu	Gly	Ala	Ala	Asp	Tyr	Leu	Asn	Gly	Gln	Tyr	Phe	Gln	His
1				5					10				

<210> 2816

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2816

Ser	Ser	Pro	Pro	Lys	Trp	Tyr	Asp	Ala	Leu	Thr	Gly	Asp	Ser	Ser	Tyr
1				5					10					15	

His Ser Ala Met Gly Val

20

<210> 2817

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2817

Val	Ser	Arg	Asp	Ile	Leu	Thr	Gly	Asn	Tyr	Tyr	Tyr	Tyr	Gly	Met	Asp
1				5					10					15	

Val

<210> 2818
<211> 22
<212> PRT
<213> Homo sapiens

<400> 2818
Ser Ser Pro Pro Lys Trp Tyr Asp Ala Leu Thr Gly Asp Ser Ser Tyr
1 5 10 15

Arg Ser Ala Met Asp Val
20

<210> 2819
<211> 20
<212> PRT
<213> Homo sapiens

<400> 2819
Val Asn Ala Asp Tyr Asp Ile Leu Thr Gly Tyr Pro Arg Asp Tyr Tyr
1 5 10 15

Gly Met Asp Val
20

<210> 2820
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2820
Val Arg Pro Lys Leu Arg Tyr Phe Asp Trp Leu Ser Arg His Asp Ala
1 5 10 15

Phe Asp Leu

<210> 2821
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2821
Gly Tyr Asp Asp Ile Leu Thr Gly Tyr Ile Met Ala Leu Asp Tyr
1 5 10 15

<210> 2822
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2822

Glu Ser Thr Tyr Asp Ile Leu Thr Gly Ser Tyr His Asp Tyr Gly Leu
1 5 10 15

Asp Val

<210> 2823

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2823

Asp Met Lys Val Tyr Tyr Lys Tyr Ala Leu Asp Val
1 5 10

<210> 2824

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2824

Gly Gly Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Ala Phe Asp
1 5 10 15

Ile

<210> 2825

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2825

Ala Gly Ser Ser Leu Val Thr Tyr Gly Thr Asp Val
1 5 10

<210> 2826

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2826

Asp Pro Phe Gly Ala Val Pro Gly Tyr Tyr Tyr Tyr Ala Met Asp Val
1 5 10 15

<210> 2827

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2827

Val Pro Tyr Asp Ile Leu Thr Gly Tyr Trp Gly Ala Phe Asp Val
1 5 10 15

<210> 2828

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2828

Asp Gln Gln Tyr Asp Ile Leu Thr Gly Tyr His Ile Asp Tyr Tyr Met
1 5 10 15

Asp Val

<210> 2829

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2829

Asp Tyr Tyr Asp Val Leu Thr Gly Phe Ser Leu Asp Gly Met Asp Val
1 5 10 15

<210> 2830

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2830

Gly Arg Asn Tyr Tyr Asp Phe Leu Thr Gly Tyr Asn Phe Asn Leu Gly
1 5 10 15

Leu Asp Tyr

<210> 2831

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2831

Met Gly His Tyr Asp Ile Leu Thr Gly Tyr Arg His Tyr Gly Met Asp
1 5 10 15

Val

<210> 2832

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2832

Val	Leu	Asn	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Tyr	Gly	Met	Asp	Val
1				5					10					15	

<210> 2833

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2833

Glu	Arg	Ala	Asp	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Phe	Tyr	Asp	Met
1					5				10					15	

Asp Val

<210> 2834

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2834

Glu	Gln	Gly	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Pro	Glu	Gly	Gly	Trp
1				5					10					15	

Phe Asp Pro

<210> 2835

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2835

Gly	Arg	Glu	Asp	Thr	Asp	Lys	Val	Lys	Pro	Trp	Asp	Arg	Tyr	Phe	His
1					5				10					15	

Tyr	Tyr	Tyr	Met	Asp	Val
			20		

<210> 2836

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2836

Glu	Ser	Gly	Gly	Tyr	Ser	Tyr	Gly	Ser	Arg	Asp	Tyr	Tyr	Gly	Met	Asp
1					5				10					15	

Val

<210> 2837
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2837
Asp Arg Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Gly His Gly
1 5 10 15

Met Asp Val

<210> 2838
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2838
Glu Leu Gly His Arg Glu Gly Gly Tyr Trp Tyr Ser Pro Tyr Asn Val
1 5 10 15

<210> 2839
<211> 11
<212> PRT
<213> Homo sapiens

<400> 2839
Gln Gln Trp Leu Pro Tyr Asp Ala Phe Asp Ile
1 5 10

<210> 2840
<211> 22
<212> PRT
<213> Homo sapiens

<400> 2840
Ser Asn Pro Pro Lys Trp Tyr Asp Ala Leu Thr Gly His Ser Ser Tyr
1 5 10 15

His Ser Ala Met Asp Val
20

<210> 2841
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2841

Glu Tyr Tyr Asp Val Leu Thr Gly Leu Phe Tyr Tyr Met Asp Val
1 5 10 15

<210> 2842
<211> 8
<212> PRT
<213> Homo sapiens

<400> 2842
Ser Gln Arg Leu Phe Ile Asp Ser
1 5

<210> 2843
<211> 20
<212> PRT
<213> Homo sapiens

<400> 2843
Asp Pro Ser Pro Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe Leu Pro Tyr
1 5 10 15

Tyr Met Asp Val
20

<210> 2844
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2844
Gly His Tyr Asp Ile Leu Thr Gly Tyr Asp Asp Tyr Tyr Tyr Gly Met
1 5 10 15

Asp Val

<210> 2845
<211> 24
<212> PRT
<213> Homo sapiens

<400> 2845
Asp Gln Asn His Pro Ile Tyr Asp Ile Leu Thr Gly Tyr Tyr Val Pro
1 5 10 15

Thr Gly Pro Leu Glu Leu Lys Asn
20

<210> 2846
<211> 18
<212> PRT

<213> Homo sapiens

<400> 2846

Gly Ile Gly Tyr Asp Leu Leu Thr Gly Tyr Phe Thr Gly Ser Pro Leu
1 5 10 15

Asp Tyr

<210> 2847

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2847

Asp Ser Gly Gly Asp Ile Leu Thr Gly Tyr Tyr Met Pro Tyr Phe Asp
1 5 10 15

Tyr

<210> 2848

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2848

Ser Gly Pro Pro Lys Trp Tyr Asp Ala Leu Thr Gly His Ser Ser Tyr
1 5 10 15

His Ser Ala Met Asp Val

20

<210> 2849

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2849

Val Ser Pro Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Pro His Ala
1 5 10 15

Phe Asp Val

<210> 2850

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2850

Pro Ser Tyr Asp Ile Leu Thr Gly Tyr Leu Tyr Tyr Phe Asp Tyr
 1 5 10 15

<210> 2851

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2851

Gly Tyr Glu Tyr Tyr Asp Ile Leu Thr Gly Tyr Asn Glu Leu Gly Ala
 1 5 10 15

Phe Asp Ile

<210> 2852

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2852

Glu Leu Gly Ser Ser Ile Val Gly Ala Thr Thr Gly Ala Leu Asp Met
 1 5 10 15

<210> 2853

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2853

Ser Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr His Thr Pro Leu Asp Tyr
 1 5 10 15

<210> 2854

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2854

Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Pro Ala Glu Cys Phe Gln Ile
 1 5 10 15

<210> 2855

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2855

Ala Ser Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Lys Gly Ala Phe Asp
 1 5 10 15

Ile

<210> 2856

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2856

Thr	Lys	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Tyr	Tyr	Met	Asp	Val
1				5					10				15	

<210> 2857

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2857

Gly	Gln	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Asn	Trp	Phe	Asp	Pro
1				5					10				15	

<210> 2858

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2858

Gly	Arg	Tyr	Tyr	Asp	Met	Leu	Thr	Arg	Gly	Gly	Tyr	Phe	Asp	Tyr
1				5					10				15	

<210> 2859

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2859

Gly	Asp	Tyr	Asp	Ile	Leu	Thr	Gly	Thr	Tyr	Tyr	Tyr	Ile	Asp	Val
1				5					10				15	

<210> 2860

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2860

Gly	Ala	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Pro	Tyr	Gly	Met	Asp
1				5					10				15		

Val

<210> 2861

<211> 21

<212> PRT
<213> Homo sapiens

<400> 2861
Asp Phe Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Ala Phe
1 5 10 15

Tyr Ala Phe Asp Ile
20

<210> 2862
<211> 17
<212> PRT
<213> Homo sapiens

<400> 2862
Glu Met Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Asn Tyr Met Asp
1 5 10 15

Val

<210> 2863
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2863
Thr His Tyr Asp Ile Leu Thr Gly Tyr Tyr Ser His Pro Leu Asp Tyr
1 5 10 15

<210> 2864
<211> 11
<212> PRT
<213> Homo sapiens

<400> 2864
Ser Gln Trp Leu Glu His Asp Val Phe Asp Ile
1 5 10

<210> 2865
<211> 21
<212> PRT
<213> Homo sapiens

<400> 2865
Gly Gly Gly Tyr Asp Ile Leu Thr Gly Tyr Ser Tyr Pro Tyr Leu Tyr
1 5 10 15

Tyr Gly Leu Asp Val
20

<210> 2866

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2866

Thr Tyr Tyr Asp Ile Leu Thr Gly Arg Phe Phe Asp Ile
1 5 10

<210> 2867

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2867

Asp Val Asp Asp Ile Leu Thr Gly Tyr Ser Trp Asp Tyr
1 5 10

<210> 2868

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2868

Asp Asp Arg Asp Ile Leu Thr Asn Tyr Tyr Leu Glu Tyr Phe Gln His
1 5 10 15

<210> 2869

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2869

Val Lys Arg Asp Ile Leu Thr Gly Tyr Val Glu Gly Met Asp Val
1 5 10 15

<210> 2870

<211> 8

<212> PRT

<213> Homo sapiens

<400> 2870

Ser Gly Pro Gly Trp Phe Asp Pro
1 5

<210> 2871

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2871

Ala Lys Gly Tyr Tyr Asp Ser Ser Gly Ala Ser Asp Val Phe Asp
1 5 10 15

Val

<210> 2872
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 2872
 Gly Ile Tyr Asp Ile Leu Thr Gly Tyr His Trp Asp Asp Ala Phe Asp
 1 5 10 15

Ile

<210> 2873
 <211> 13
 <212> PRT
 <213> Homo sapiens

<400> 2873
 Ala Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe Phe Asp Ile
 1 5 10

<210> 2874
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 2874
 Thr Glu Arg Phe Gly Ala Lys Asp Val Thr Ala Arg Trp Gly Met Asp
 1 5 10 15

Val

<210> 2875
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 2875
 Ser Gln Ala His Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Trp Ser Tyr
 1 5 10 15

Gly Met Asp Val
 20

<210> 2876

<211> 17
<212> PRT
<213> Homo sapiens

<400> 2876
Asp Arg Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Gly Met Asp
1 5 10 15

Val

<210> 2877
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2877
Ala Gly Gly Tyr Tyr Asp Ile Leu Thr Gly Arg Asp Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2878
<211> 17
<212> PRT
<213> Homo sapiens

<400> 2878
Asp Arg Arg Arg Asp Asp Leu Thr Gly Tyr Leu Tyr Asp Ala Phe Asp
1 5 10 15

Ser

<210> 2879
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2879
Met Tyr Tyr Asp Ile Leu Thr Gly His Asn Phe Asp Tyr
1 5 10

<210> 2880
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2880
Asp Met Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Thr Gly Leu Ala Phe
1 5 10 15

Asp Met

<210> 2881

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2881

Gly Arg Gly Tyr Asp Val Leu Thr Gly Tyr Phe Thr Gly Ser Pro Leu
1 5 10 15

Asp Tyr

<210> 2882

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2882

Leu Tyr Tyr Asp Ile Leu Thr Gly Tyr His Trp Asp Ala Phe Asp Ile
1 5 10 15

<210> 2883

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2883

Asp Glu Tyr Asp Ile Leu Thr Gly Leu Leu Gln Gly Met Asp Val
1 5 10 15

<210> 2884

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2884

Gly Gly Ser Ser Gln Asn Phe Tyr Gly Met Asp Val
1 5 10

<210> 2885

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2885

Asp Arg Leu His Tyr Asp Ile Leu Thr Gly His Gln Thr Asp Asp Ala
1 5 10 15

Phe Asp Ile

<210> 2886
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2886
Gly His Tyr Asp Ile Leu Thr Gly Tyr Tyr Phe Gly Phe Asp Tyr
1 5 10 15

<210> 2887
<211> 21
<212> PRT
<213> Homo sapiens

<400> 2887
Asp Arg Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Pro Gly Leu Asp
1 5 10 15

Asp Ala Phe Asp Ile
20

<210> 2888
<211> 23
<212> PRT
<213> Homo sapiens

<400> 2888
Asp Ala Ser Glu Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Ala Thr
1 5 10 15

Gly Arg Asn Trp Phe Asp Pro
20

<210> 2889
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2889
Asp Lys Gln Tyr Tyr Asp Ile Leu Thr Gly Asp Pro Val Glu Gly Gly
1 5 10 15

Met Asp Val

<210> 2890
<211> 16

<212> PRT

<213> Homo sapiens

<400> 2890

Asp	Leu	Arg	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	His	Asp	Ala	Phe	Asp	Ile
1				5					10					15	

<210> 2891

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2891

Glu	Ser	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Arg	His	Tyr	Gly	Met	Asp	Leu
1				5					10					15	

<210> 2892

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2892

Gly	Ile	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	His	Trp	Asp	Gly	Ala	Phe	Asp
1				5					10					15	

Ile

<210> 2893

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2893

Glu	Gly	Arg	Asp	Ile	Leu	Thr	Gly	Val	Tyr	Tyr	Tyr	Gly	Leu	Asp	Val
1				5					10					15	

<210> 2894

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2894

Asp	Gln	His	Asp	Ile	Leu	Thr	Gly	Gly	Tyr	Tyr	Gly	Met	Asp	Val
1				5					10				15	

<210> 2895

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2895

Ala	Tyr	Asp	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Ser	Tyr	Tyr	Phe	Asp	Tyr
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1

5

10

15

<210> 2896

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2896

Glu Gly Gly Asn Tyr His Ile Leu Thr Gly Tyr Tyr Ile Gly Asn Gly

1

5

10

15

Ala Phe Asp Ile

20

<210> 2897

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2897

Gly Thr Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Met Gly Ser Val Phe

1

5

10

15

Asp Pro

<210> 2898

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2898

Glu Arg Gly Ser Tyr Ser Ser Gly Tyr Ser Gly Ala Phe Asp Val

1

5

10

15

<210> 2899

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2899

Asp Gly Tyr Tyr Asp Ile Leu Thr Gly Gly Phe Tyr Tyr Tyr Tyr Gly

1

5

10

15

Met Asp Val

<210> 2900

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2900

Asp Arg Gly Val Gly Tyr Asp Ile Leu Thr Gly Arg Thr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val
20

<210> 2901

<211> 21

<212> PRT

<213> Homo sapiens

<400> 2901

Asp Asp Arg Arg Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Phe
1 5 10 15

Gly Ser Phe Asp Ile
20

<210> 2902

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2902

Gly Arg Arg Tyr Asp Ile Leu Thr Gly Tyr Tyr Lys Gly Pro Leu Asp
1 5 10 15

Tyr

<210> 2903

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2903

Glu Gly Glu Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Asn Gly
1 5 10 15

Ala Phe Asp Ile
20

<210> 2904

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2904

His Asp Ile Leu Thr Gly Phe Asp Tyr

1 5

<210> 2905

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2905

Glu Ile Asp Asp Ile Leu Thr Gly Tyr Tyr Met Asp Val

1 5 10

<210> 2906

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2906

Glu Gly Tyr Asp Ile Leu Thr Gly Tyr Ser Lys Phe Leu Asp Tyr

1 5 10 15

<210> 2907

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2907

Glu His Tyr Asp Ile Leu Thr Gly Tyr Ser Leu Leu Gly Met Asp Val

1 5 10 15

<210> 2908

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2908

Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Ser His Phe Asp Tyr

1 5 10 15

<210> 2909

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2909

His Asp Tyr Tyr Ile Met Thr Ala Ala His Tyr Tyr Tyr Asp Ser

1 5 10 15

<210> 2910

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2910

Asp Phe Tyr Asp Ile Leu Thr Gly Tyr His Asp Ala Phe Asp Ile
 1 5 10 15

<210> 2911
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 2911
 Ala Phe Glu Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr His His Asp Ala
 1 5 10 15

Phe Asp Ile

<210> 2912
 <211> 22
 <212> PRT
 <213> Homo sapiens

<400> 2912
 Asp Gly Arg Leu Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Ala Arg Asp
 1 5 10 15

Tyr Tyr Gly Met Asp Val
 20

<210> 2913
 <211> 14
 <212> PRT
 <213> Homo sapiens

<400> 2913
 Asp Arg Arg Asp Ile Leu Thr Gly Ser Asn Phe Gly Gln Asp
 1 5 10

<210> 2914
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 2914
 Asp Arg Gly Gly Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Phe His His
 1 5 10 15

Gly Val Asp Val
 20

<210> 2915
 <211> 19
 <212> PRT

<213> Homo sapiens

<400> 2915

Asp Gly Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Asn Gln Tyr Gly
1 5 10 15

Met Asp Val

<210> 2916

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2916

Gly Gln Lys Asn Tyr Tyr Glu Ser Ser Gly Tyr Leu Glu His
1 5 10

<210> 2917

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2917

Asp Met His Tyr Asp Ile Leu Thr Gly Tyr Tyr Thr Gly Leu Ala Phe
1 5 10 15

Asp Met

<210> 2918

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2918

Asp Gln Val Asp Leu Leu Leu Met Asp His Asn Tyr Tyr Met Asp Val
1 5 10 15

<210> 2919

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2919

Asp Phe Tyr Asp Ile Leu Thr Gly Tyr Gln His Gly Met Asp Val
1 5 10 15

<210> 2920

<211> 7

<212> PRT

<213> Homo sapiens

<400> 2920

Arg Arg Tyr Ala Leu Asp Tyr

1 5

<210> 2921

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2921

Asp Gln His Asp Ile Leu Thr Gly Val Tyr Tyr Gly Met Asp Val

1 5 10 15

<210> 2922

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2922

Asp Pro Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe His Arg Tyr Gly

1 5 10 15

Met Asp Val

<210> 2923

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2923

Asp Leu Pro Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Leu Thr Ser Gly

1 5 10 15

Met Asp Val

<210> 2924

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2924

Asp Ile Asp Asp Ile Leu Thr Gly Tyr Val Leu Gly Met Asp Val

1 5 10 15

<210> 2925

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2925

Pro Gln Gly Val Thr Leu Val Arg Gly Ala Glu Thr Asp Ala Phe Ala
1 5 10 15

Ile

<210> 2926

<211> 24

<212> PRT

<213> Homo sapiens

<400> 2926

Asp Tyr Pro Gly Ser Glu Tyr Asp Ile Leu Thr Gly Tyr Leu Phe Gly
1 5 10 15

Tyr Tyr Tyr Tyr Gly Met Asp Val
20

<210> 2927

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2927

Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Gln Ser Asp Ala Phe Asp Ile
1 5 10 15

<210> 2928

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2928

Asp Arg Arg Asp Tyr Asp Leu Leu Thr Arg Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2929

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2929

Pro Leu Gly Ile Thr Ala Val Arg Gly Ala Lys Thr Asp Ala Phe Gly
1 5 10 15

Ile

<210> 2930

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2930

His Arg Arg Ala Arg Val Val Val Pro Val Pro Gly Ala Met Asp Val
1 5 10 15

<210> 2931

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2931

Asp Arg Gly Tyr Thr Gly Tyr Asp Arg Leu Val Gly Gly Tyr Tyr Phe
1 5 10 15

Asp Phe

<210> 2932

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2932

Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Ala Glu Tyr Phe Gln His
1 5 10 15

<210> 2933

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2933

Arg Asp Ile Leu Thr Gly Phe Tyr Asp Ser
1 5 10

<210> 2934

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2934

Ser Gly Tyr Asp Ile Leu Thr Gly Tyr Leu Tyr Gly Met Asp Val
1 5 10 15

<210> 2935

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2935

Asp Pro Gly Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2936

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2936

Glu Gly Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Pro Leu Gly Tyr
1 5 10 15

Phe Asp Tyr

<210> 2937

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2937

Gly Val Val Trp Val Ala Tyr Gly Asp Val Gly Ile Tyr Gly Phe Asp
1 5 10 15

Val

<210> 2938

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2938

Asp Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Val Tyr Tyr Gly Met
1 5 10 15

Asp Val

<210> 2939

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2939

Val Leu Thr Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Glu Asp Ala
1 5 10 15

Phe Asp Met

<210> 2940
<211> 18
<212> PRT
<213> Homo sapiens

<400> 2940
Thr Glu Ser Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Trp Pro Ser Met
1 5 10 15

Asp Val

<210> 2941
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2941
Gly Asp Tyr Asp Pro Leu Thr Gly Tyr Ser Phe Gly Val Asp Val
1 5 10 15

<210> 2942
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2942
Asp Asn Tyr Asp Ile Leu Thr Gly Tyr Ser Arg Arg Phe Asp Pro
1 5 10 15

<210> 2943
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2943
Gly Gln Phe Gly Val Leu Pro Asn Tyr Tyr Tyr His Met Asp Val
1 5 10 15

<210> 2944
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2944
Leu Gly Arg Thr Ser Arg Asp Leu Leu Thr Gly Tyr His Phe Tyr Asn

1

5

10

15

Met Asp Val

<210> 2945

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2945

Asp Arg Glu Thr Lys Val Gly Tyr Gly Met Asp Val

1

5

10

<210> 2946

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2946

Asp Met Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Gly Ala Phe Asp Ile

1

5

10

15

<210> 2947

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2947

Ala Tyr Tyr Asp Asn Leu Thr Gly Phe Leu Pro Tyr Gly Met Gly Val

1

5

10

15

<210> 2948

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2948

Gly Glu Arg Asp Ile Leu Thr Gly Tyr Tyr Leu Asp Gly Met Asp Val

1

5

10

15

<210> 2949

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2949

Ala Thr Tyr Asp Pro Leu Thr Gly Tyr Tyr Phe Asp Gly Phe Asp Ile

1

5

10

15

<210> 2950

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2950

Ser His Tyr Asp Ile Leu Thr Arg Leu Asn Tyr Trp Tyr Phe Asp Leu
1 5 10 15

<210> 2951

<211> 8

<212> PRT

<213> Homo sapiens

<400> 2951

Gly Tyr Asp Thr Ala Met Gln Tyr
1 5

<210> 2952

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2952

Leu Asn Leu Glu Lys Thr Val Val Arg Gly Phe Gly Tyr Phe Asp Leu
1 5 10 15

<210> 2953

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2953

Leu Lys Ala Pro Tyr Tyr Asp Leu Leu Thr Gly Tyr His Leu Pro Lys
1 5 10 15

Trp Phe Asp Thr

20

<210> 2954

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2954

Asp Ile Asp Ile Gly Gly Asp Asp Ser
1 5

<210> 2955

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2955

Val Ser Asn Asp Ile Leu Thr Gly Trp Gly Gly Tyr Asn Trp Phe Asp

1 5 10 15

Pro

<210> 2956

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2956

Glu Arg Ser Gln Phe Asp Phe Leu Thr Gly Val Asp Arg Tyr His Pro
1 5 10 15

Met Asp Val

<210> 2957

<211> 10

<212> PRT

<213> Homo sapiens

<400> 2957

Ser Ser Asn Pro Val Tyr Gly Leu Asp Val
1 5 10

<210> 2958

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2958

Arg Gln Tyr Asp Ile Leu Thr Gly Tyr Tyr Gly Gly Phe Asp Tyr
1 5 10 15

<210> 2959

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2959

Gly Leu Gly His Thr Asp Ser Asp Ser
1 5

<210> 2960

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2960

Asp Arg Glu Tyr Asp Leu Leu Thr Gly Tyr Tyr Leu His Ala Phe Asp
1 5 10 15

Met

<210> 2961

<211> 20

<212> PRT

<213> Homo sapiens

<400> 2961

Ala Gly Ser Gly Phe His Asp Ile Leu Thr Gly Tyr Tyr Lys Gly Gly
1 5 10 15

Tyr Phe Asp Tyr
20

<210> 2962

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2962

Gly Gly Pro His Tyr Asp Ile Leu Thr Gly Tyr Tyr Met Ala Val Gly
1 5 10 15

Phe Asp Ile

<210> 2963

<211> 21

<212> PRT

<213> Homo sapiens

<400> 2963

Asp Leu Gly Ser Phe Tyr Asp Ile Leu Thr Ala Leu Arg Leu Glu Asn
1 5 10 15

Tyr Gly Met Asp Val
20

<210> 2964

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2964

Asp Gln Gln Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile His Tyr Gly Met
1 5 10 15

Asp Val

<210> 2965

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2965

Asn Leu Phe Asp Val Trp Thr Leu Pro Tyr Tyr Tyr Tyr Met Asp Val
1 5 10 15

<210> 2966

<211> 11

<212> PRT

<213> Homo sapiens

<400> 2966

Ala Tyr Tyr Asp Ile Leu Thr Gly Leu Asp Tyr
1 5 10

<210> 2967

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2967

Gly Gly Tyr Ser Ser Gly Trp Leu Arg Gly Gly Pro Tyr Asn Trp Phe
1 5 10 15

Asp Pro

<210> 2968

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2968

Ala Pro Tyr Asp Ile Leu Thr Gly Tyr Ser Asp Tyr Tyr Gly Met Asp
1 5 10 15

Val

<210> 2969

<211> 24

<212> PRT

<213> Homo sapiens

<400> 2969

Asp Arg Gly Ala Ser Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Ala Pro
1 5 10 15

Ala Gln Gly Val Ala Phe Asp Ile
20

<210> 2970
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2970
Ala Val Leu Arg Tyr Ser Ala Gly Leu Gln Gly Ala Phe Asp Ile
1 5 10 15

<210> 2971
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2971
Glu Asn Tyr Asp Ser Leu Thr Gly Tyr Tyr Asn Tyr Phe Asp Tyr
1 5 10 15

<210> 2972
<211> 21
<212> PRT
<213> Homo sapiens

<400> 2972
Gly Arg Glu Asp Thr Asp Lys Val Lys Pro Trp Asp Arg Tyr Tyr His
1 5 10 15

Tyr Tyr Met Asp Val
20

<210> 2973
<211> 17
<212> PRT
<213> Homo sapiens

<400> 2973
Glu Tyr Tyr Asp Ile Leu Thr Gly Tyr Arg Asp Pro Tyr Gly Met Asp
1 5 10 15

Val

<210> 2974
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2974

Glu Glu Gly Phe Tyr Asp Ile Leu Thr Gly Tyr Tyr Gly Pro Gly Tyr
1 5 10 15

Phe Asp Tyr

<210> 2975

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2975

Asp Tyr Tyr Asp Ile Leu Thr Lys Leu Pro Tyr Gly Met Asp Val
1 5 10 15

<210> 2976

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2976

Asp Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Phe Gly Met Asp Val
1 5 10 15

<210> 2977

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2977

Ala Thr Gln Asp Ile Leu Thr Gly Tyr Leu Tyr Ser Gly Met Asp Val
1 5 10 15

<210> 2978

<211> 14

<212> PRT

<213> Homo sapiens

<400> 2978

Asp Ser Asp Ala Arg Leu Ala Ala Leu Asp Ala Phe Asp Ile
1 5 10

<210> 2979

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2979

Thr Asp Arg Phe Gly Ala Lys Asp Val Thr Ala Arg Trp Gly Met Asp
1 5 10 15

Val

<210> 2980

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2980

Glu Leu Gly Leu Ser Ile Val Val Ala Thr Thr Gly Ala Leu Asp Met

1

5

10

15

<210> 2981

<211> 9

<212> PRT

<213> Homo sapiens

<400> 2981

Glu Gly Ser Ser Gly Tyr Leu Val Gly

1

5

<210> 2982

<211> 8

<212> PRT

<213> Homo sapiens

<400> 2982

Asp Trp Gly His Trp Phe Asp Pro

1

5

<210> 2983

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2983

Phe Arg Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Asp Met Asp Val

1

5

10

15

<210> 2984

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2984

Glu Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Gly Ala Phe Asp Ile

1

5

10

15

<210> 2985

<211> 15

<212> PRT

<213> Homo sapiens

<400> 2985

Glu Arg Gly Val Val Thr Ala Tyr Gly Gly Asp Ser Phe Asp Leu
1 5 10 15

<210> 2986

<211> 21

<212> PRT

<213> Homo sapiens

<400> 2986

Asp Ala Gly Glu Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Val Ile Glu
1 5 10 15

Gly Tyr Met Asp Val

20

<210> 2987

<211> 19

<212> PRT

<213> Homo sapiens

<400> 2987

Asp Gly Gly Gly Tyr Asp Ile Leu Thr Gly Tyr Gln Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2988

<211> 22

<212> PRT

<213> Homo sapiens

<400> 2988

Asp Thr Leu Gly Tyr Asp Ile Leu Thr Gly Tyr Pro Pro Pro Tyr Tyr
1 5 10 15

Tyr Tyr Asp Met Asp Val

20

<210> 2989

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2989

Ser Tyr Tyr Asp Ile Leu Thr Gly Arg Pro Tyr Thr Asp Ala Phe Asp
1 5 10 15

Ile

<210> 2990

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2990

Gly Gly Val Thr Ala Gly Arg Ser Val Tyr Phe Asp Ser
1 5 10

<210> 2991

<211> 13

<212> PRT

<213> Homo sapiens

<400> 2991

Glu Ser Glu Gly Gly Asp Tyr Thr Asn Pro Phe Gly Tyr
1 5 10

<210> 2992

<211> 16

<212> PRT

<213> Homo sapiens

<400> 2992

Gly Pro Tyr Asp Val Leu Thr Gly Tyr Leu Ser Gly Asn Phe Asp Tyr
1 5 10 15

<210> 2993

<211> 21

<212> PRT

<213> Homo sapiens

<400> 2993

Glu Cys Ser Gly Ser Ser Cys Pro Ala Arg Gln Pro Pro Tyr Tyr Gln
1 5 10 15

Tyr Tyr Met Asp Val

20

<210> 2994

<211> 18

<212> PRT

<213> Homo sapiens

<400> 2994

Glu Ser His Tyr Asp Ile Leu Thr Gly Tyr Tyr Ser Asn Pro Ser Phe
1 5 10 15

Asp Ile

<210> 2995
<211> 15
<212> PRT
<213> Homo sapiens

<400> 2995
Glu Asn Tyr Asp Tyr Leu Thr Gly Tyr Tyr Gly Ala Phe Asp Ile
1 5 10 15

<210> 2996
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2996
Asp Tyr Arg Asn Tyr Asp Ile Leu Thr Gly His Pro Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 2997
<211> 17
<212> PRT
<213> Homo sapiens

<400> 2997
Val Gly Gly Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Arg Gly Met Asp
1 5 10 15

Val

<210> 2998
<211> 16
<212> PRT
<213> Homo sapiens

<400> 2998
Gly Pro Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Asp Ala Phe Asp Ile
1 5 10 15

<210> 2999
<211> 19
<212> PRT
<213> Homo sapiens

<400> 2999
Asp Leu Trp Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Leu Asp Asp Ala
1 5 10 15

Phe Asp Ile

<210> 3000

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3000

Val	Leu	Pro	His	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Ser	Gln	Asn	Trp	Phe
1					5				10					15	

Asp Pro

<210> 3001

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3001

Gln	Gly	Gly	Gln	Tyr	Asp	Ser	Pro	Pro	Phe	Asp	Val
1					5				10		

<210> 3002

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3002

Gln	Gly	Gly	Gln	Tyr	Asp	Ser	Pro	Pro	Leu	Asp	Val
1					5				10		

<210> 3003

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3003

Ala	Thr	Tyr	Asp	Pro	Leu	Thr	Gly	Tyr	Ser	Leu	Asp	Gly	Phe	Asp	Ile
1				5					10				15		

<210> 3004

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3004

Ser	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Pro	Phe	Gly	Met	Asp	Val
1				5					10					15	

<210> 3005

<211> 16
<212> PRT
<213> Homo sapiens

<400> 3005
Gly Pro Ser Ser Ala Gly Thr Thr Ile Gly Leu Gly Ser Phe Asp Pro
1 5 10 15

<210> 3006
<211> 16
<212> PRT
<213> Homo sapiens

<400> 3006
Gly Tyr His Asp Thr Leu Thr Ser Tyr Asn Tyr Asn Trp Phe Asp Pro
1 5 10 15

<210> 3007
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3007
Glu Gly Ser Trp Ser Gly Leu Asp Leu Asp Tyr
1 5 10

<210> 3008
<211> 9
<212> PRT
<213> Homo sapiens

<400> 3008
Gly Met Gly Asp His Tyr Met Asp Val
1 5

<210> 3009
<211> 20
<212> PRT
<213> Homo sapiens

<400> 3009
Gly Arg Arg Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Leu Gly Arg Gly
1 5 10 15

Glu Met Asp Val
20

<210> 3010
<211> 21
<212> PRT
<213> Homo sapiens

<400> 3010

Val Pro Tyr Tyr Tyr Asp Thr Ser Gly Gly Tyr Leu Gly Glu Tyr Tyr
1 5 10 15

Tyr Gly Met Asp Val
20

<210> 3011

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3011

Ser Pro Glu Gly Asp Tyr Gln Pro Leu Ser Ser Asn Tyr Asn Trp Leu
1 5 10 15

Asp Pro

<210> 3012

<211> 20

<212> PRT

<213> Homo sapiens

<400> 3012

Glu Ser Gly Arg Tyr Asp Ile Leu Thr Gly Tyr Tyr Ser Gly Gly Gly
1 5 10 15

Gly Met Asp Val
20

<210> 3013

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3013

Asp Tyr Pro Ile Asp Val Leu Thr Gly Arg Arg Thr Lys Asn Trp Phe
1 5 10 15

Asp Pro

<210> 3014

<211> 25

<212> PRT

<213> Homo sapiens

<400> 3014

Gly Pro Ser Thr Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Thr Pro
1 5 10 15

Tyr Tyr Tyr Tyr Tyr Tyr Met Asp Val
20 25

<210> 3015
<211> 12
<212> PRT
<213> Homo sapiens

<400> 3015
Ser Gly Ser Ser Leu Met Thr Tyr Gly Thr Asp Val
1 5 10

<210> 3016
<211> 12
<212> PRT
<213> Homo sapiens

<400> 3016
Ala Gly Ser Ser Leu Met Ala Tyr Gly Thr Asp Val
1 5 10

<210> 3017
<211> 21
<212> PRT
<213> Homo sapiens

<400> 3017
Trp Ala Thr Tyr Tyr Asp Thr Leu Thr Gly Tyr Arg Leu Lys Asp His
1 5 10 15

Ala Gly Phe Asp Ile
20

<210> 3018
<211> 16
<212> PRT
<213> Homo sapiens

<400> 3018
Arg Tyr Ser Asp Ala Leu Thr Gly Tyr Ser Leu Gly Ala Phe Asp Val
1 5 10 15

<210> 3019
<211> 17
<212> PRT
<213> Homo sapiens

<400> 3019
Thr His Tyr Asp Ile Leu Thr Gly Tyr Tyr Thr Ala Asp Ala Phe Asp
1 5 10 15

Ile

<210> 3020
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 3020
 Gly Ser Arg Val Arg Gly Val Thr Pro Asp Leu
 1 5 10

<210> 3021
 <211> 21
 <212> PRT
 <213> Homo sapiens

<400> 3021
 Glu Arg Ser Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Pro Arg Ser Lys
 1 5 10 15

Tyr Gly Met Asp Val
 20

<210> 3022
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 3022
 Gln His Tyr Asp Ile Leu Thr Gly Tyr Ser Gln Glu Pro Phe Asp Ile
 1 5 10 15

<210> 3023
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 3023
 Gly Glu Tyr Asp Ile Leu Thr Gly Tyr Pro Tyr Trp Tyr Phe Asp Leu
 1 5 10 15

<210> 3024
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 3024
 Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Ser Gly Gly Gly Ala Phe Asp
 1 5 10 15

Tyr

<210> 3025

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3025

Glu Ser Ser Ile Thr Val Asn Pro Pro Tyr Tyr Phe Tyr Gly Met Asp
1 5 10 15

Val

<210> 3026

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3026

Pro Tyr Tyr Asp Ile Leu Thr Gly Tyr Phe Ala Phe Asp Ile
1 5 10

<210> 3027

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3027

Glu Phe Asp Gln Leu Leu Ala Arg Gly His Gly Met Asp Val
1 5 10

<210> 3028

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3028

Ala Pro Leu Tyr Asp Ile Leu Thr Gly Tyr Tyr Ile Gly Gly Asn Asp
1 5 10 15

Tyr

<210> 3029

<211> 15

<212> PRT

<213> Homo sapiens

<400> 3029

Leu Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Arg Ser Asp Asp Tyr
1 5 10 15

<210> 3030

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3030

Asp Ala Tyr Tyr Asp Ile Leu Thr Gly Trp Val Tyr Gly Met Asp Val
1 5 10 15

<210> 3031

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3031

Gly Arg His Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Asn Glu Ala Phe
1 5 10 15

Asp Ile

<210> 3032

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3032

Ser Pro Gly Asp Asp Ile Leu Thr Gly Tyr Tyr Lys Tyr Tyr Phe Asp
1 5 10 15

Tyr

<210> 3033

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3033

Asp Arg Gly Pro Gly Leu Leu Ser Ser Phe Phe Glu Ser
1 5 10

<210> 3034

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3034

Met Glu Tyr Asp Ile Leu Thr Ser Tyr Tyr Gly Gly Tyr Phe Asp Tyr
1 5 10 15

<210> 3035

<211> 19

<212> PRT

<213> Homo sapiens

<400> 3035

Gly Gly Leu Tyr Asp Ile Leu Thr Gly Arg Pro Ala Thr Asp Asp Ala
1 5 10 15

Phe Asp Ile

<210> 3036

<211> 19

<212> PRT

<213> Homo sapiens

<400> 3036

Ser Pro Met Tyr Tyr Asp Arg Leu Thr Gly Phe Tyr Pro Ser Gly Tyr
1 5 10 15

Phe Asp Ser

<210> 3037

<211> 19

<212> PRT

<213> Homo sapiens

<400> 3037

Gly Glu Gly Gly Tyr Asp Ile Leu Thr Gly Tyr Leu Arg Gly Tyr Gly
1 5 10 15

Met Asp Val

<210> 3038

<211> 19

<212> PRT

<213> Homo sapiens

<400> 3038

Ser Gln Ser Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 3039

<211> 20

<212> PRT
<213> Homo sapiens

<400> 3039
Asp Arg Leu Glu Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Tyr
1 5 10 15

Gly Met Asp Val
20

<210> 3040
<211> 18
<212> PRT
<213> Homo sapiens

<400> 3040
Asp Lys Asp Tyr Asp Ile Leu Thr Gly Tyr Trp Arg Asp Glu Leu Leu
1 5 10 15

Asp Tyr

<210> 3041
<211> 16
<212> PRT
<213> Homo sapiens

<400> 3041
Glu Pro Tyr Asp Ile Leu Thr Gly Tyr Gly Ser Tyr Phe Asp Tyr
1 5 10 15

<210> 3042
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3042
Lys Asn Met Gly Ala Ser Ala Ala Ala Asp Phe
1 5 10

<210> 3043
<211> 21
<212> PRT
<213> Homo sapiens

<400> 3043
Ala Arg Gly Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Arg Pro Gly Asp
1 5 10 15

Gly Tyr Phe Asp Tyr
20

<210> 3044

<211> 21

<212> PRT

<213> Homo sapiens

<400> 3044

Glu	Ser	Gly	Ser	His	Tyr	Asp	Leu	Leu	Thr	Gly	Leu	Leu	Val	Ala	Ala
1				5					10					15	

Asn Gly Phe Asp Val

20

<210> 3045

<211> 24

<212> PRT

<213> Homo sapiens

<400> 3045

Gly	Glu	Lys	Ala	Arg	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Ser	Ala
1				5					10					15	

Trp Gly Gly Tyr Tyr Met Asp Val

20

<210> 3046

<211> 15

<212> PRT

<213> Homo sapiens

<400> 3046

Glu	Lys	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Asp	Ala	Phe	Asp	Ile
1				5				10					15	

<210> 3047

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3047

Asp	Gln	Val	Asp	Arg	Leu	Leu	Met	Gln	Tyr	Asn	Tyr	Tyr	Met	Asp	Ala
1				5					10					15	

<210> 3048

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3048

Ala	Gly	Thr	Ser	Leu	Met	Asn	Tyr	Gly	Thr	Asp	Val
1				5					10		

<210> 3049
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3049
Val Asn Tyr Asp Ile Leu Thr Gly Leu Gly Tyr Tyr Phe Asp Tyr
1 5 10 15

<210> 3050
<211> 18
<212> PRT
<213> Homo sapiens

<400> 3050
Leu Pro Pro Tyr Asp Met Leu Thr Gly Tyr Tyr Val Gly Gly Gly Met
1 5 10 15

Asp Val

<210> 3051
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3051
Gly Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Asp Ala Phe Asp Ile
1 5 10 15

<210> 3052
<211> 19
<212> PRT
<213> Homo sapiens

<400> 3052
Asp Lys Ser Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 3053
<211> 20
<212> PRT
<213> Homo sapiens

<400> 3053
Glu Arg Pro Gly Tyr Asp Ile Leu Thr Gly Tyr Pro Ser Ser Ile Tyr
1 5 10 15

Gly Met Asp Val

20

<210> 3054
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3054
Asp Gln Phe Ser Val Gly Gly Arg His Ala Phe Asp Leu
1 5 10

<210> 3055
<211> 19
<212> PRT
<213> Homo sapiens

<400> 3055
Asp Val Thr Tyr His Asp Ile Leu Thr Gly Tyr Ala Gly His Glu Ala
1 5 10 15

Phe Asp Ile

<210> 3056
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3056
Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Tyr Phe Asp Tyr
1 5 10

<210> 3057
<211> 18
<212> PRT
<213> Homo sapiens

<400> 3057
Gly Ser Gly Tyr Asp Val Leu Thr Gly Tyr Phe Thr Gly Ser Pro Leu
1 5 10 15

Asp Tyr

<210> 3058
<211> 16
<212> PRT
<213> Homo sapiens

<400> 3058
Ser Pro Tyr Asp Thr Leu Thr Gly Tyr Val Tyr Asn Gly Val Asp Val
1 5 10 15

<210> 3059

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3059

Asp	Gly	Tyr	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Ser	Gly	Tyr	Tyr	Met	Asp
1				5					10					15	

Val

<210> 3060

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3060

Asp	Arg	Tyr	Tyr	Asp	Ile	Leu	Thr	Lys	Gly	Asp	Tyr	Tyr	Tyr	Gly	Met
1				5					10					15	

Asp Val

<210> 3061

<211> 20

<212> PRT

<213> Homo sapiens

<400> 3061

Asp	Arg	Gly	His	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Ile	Glu	Pro	Ser
1					5				10					15	

Gly	Phe	Asp	Tyr
			20

<210> 3062

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3062

Asp	Pro	Asn	Tyr	Asp	Ile	Leu	Thr	Gly	Tyr	Tyr	Tyr	Tyr	Ala	Met	Asp
1					5				10					15	

Val

<210> 3063

<211> 17
<212> PRT
<213> Homo sapiens

<400> 3053
Gly Ser Tyr Tyr Asp Ile Leu Thr Gly Ile Ser Ser Leu Gly Met Asp
1 5 10 15

Val

<210> 3054
<211> 14
<212> PRT
<213> Homo sapiens

<400> 3054
Tyr Phe Asp Gly Ser Gly Tyr Tyr Pro Val Ser Phe Ser Tyr
1 5 10

<210> 3055
<211> 18
<212> PRT
<213> Homo sapiens

<400> 3055
Ala Lys Pro Tyr Thr Asp Phe Ser Arg Gly Ser Asp Ala Asp Ala Phe
1 5 10 15

Asp Val

<210> 3056
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3056
Gly Arg Tyr Asp Ile Leu Thr Gly Tyr Phe Thr Ser Phe Asp Tyr
1 5 10 15

<210> 3057
<211> 19
<212> PRT
<213> Homo sapiens

<400> 3057
Ser Gln Ser Asn Tyr Asp Ile Leu Thr Gly Tyr Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 3068

<211> 21

<212> PRT

<213> Homo sapiens

<400> 3068

Asp Glu Tyr Tyr Asp Ile Leu Thr Gly Tyr Gln Ala Pro Tyr Tyr Tyr
 1 5 10 15

Tyr Gly Met Asp Val
 20

<210> 3069

<211> 25

<212> PRT

<213> Homo sapiens

<400> 3069

Val Gln Gly Glu Thr Tyr Tyr Asp Ile Leu Thr Gly Tyr Trp Gly Pro
 1 5 10 15

Lys Arg Asp Leu Tyr Gly Met Asp Val
 20 25

<210> 3070

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3070

Ala Gly Thr Ser Leu Met Asn Tyr Gly Met Asp Val
 1 5 10

<210> 3071

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3071

Val Ala Ala Ala Gly Ala Arg Thr Leu Gly Tyr Phe Gly Met Asp Val
 1 5 10 15

<210> 3072

<211> 21

<212> PRT

<213> Homo sapiens

<400> 3072

Asp Gly Ala Asn Tyr Asp Ile Leu Thr Gly Tyr Thr Thr Thr Val
 1 5 10 15

Tyr Gly Met Asp Val
20

<210> 3073
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3073
Gln Tyr Tyr Asp Ile Leu Thr Gly Tyr Glu Leu Asp Ile
1 5 10

<210> 3074
<211> 17
<212> PRT
<213> Homo sapiens

<400> 3074
Asp Arg Asp Tyr Asp Ile Leu Thr Asp Tyr Ser Asn Tyr Gly Met Asp
1 5 10 15

Val

<210> 3075
<211> 12
<212> PRT
<213> Homo sapiens

<400> 3075
Val Arg Leu Pro His His His Tyr Phe Met Ala Val
1 5 10

<210> 3076
<211> 23
<212> PRT
<213> Homo sapiens

<400> 3076
Ala Gln Met Asp Ser Glu Tyr Tyr Asp Leu Leu Thr Gly Ile Asn Val
1 5 10 15

Gly Pro Tyr Tyr Phe Asp Tyr
20

<210> 3077
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3077

Asn Tyr Tyr Asp Val Leu Thr Gln Ser Tyr Tyr Gly Met Asp Val
1 5 10 15

<210> 3078

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3078

Val Glu Gly Val Tyr Asp Ile Leu Thr Gly Tyr Ser Phe Asp Ala Phe
1 5 10 15

Asp Ile

<210> 3079

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3079

Gly Tyr Arg Asn Asp Trp Tyr Gly Ala Phe Glu Ile
1 5 10

<210> 3080

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3080

Asp Thr Arg Val Ile Gly Ile Gln Leu Trp Glu Arg Gly Ala Phe Asp
1 5 10 15

Met

<210> 3081

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3081

Leu Asn Leu Glu Lys Thr Val Ile Arg Gly Phe Gly Tyr Phe Asp Leu
1 5 10 15

<210> 3082

<211> 21

<212> PRT

<213> Homo sapiens

<400> 3082

Gly Asp Phe Gly Asp Tyr Asp Ile Leu Thr Gly Tyr Tyr Pro Val Tyr

1

5

10

15

Tyr Gly Met Asp Val
20

<210> 3083

<211> 15

<212> PRT

<213> Homo sapiens

<400> 3083

Gly Gly Met Ile Arg Ala Arg Glu Asp Tyr Tyr Tyr Met Asp Val
1 5 10 15

<210> 3084

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3084

Asp Asn Ser Gly Thr Tyr Gly Tyr
1 5

<210> 3085

<211> 15

<212> PRT

<213> Homo sapiens

<400> 3085

Ser Pro Asn Gly Asp Tyr Ser Gly Tyr Ala Trp Gly Leu Glu Tyr
1 5 10 15

<210> 3086

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3086

Gly Asn Tyr Asp Ile Leu Thr Gly Tyr Pro His Asp Leu
1 5 10

<210> 3087

<211> 19

<212> PRT

<213> Homo sapiens

<400> 3087

Asp Gln Thr Tyr Tyr Asp Ile Leu Thr Gly His Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 3088

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3088

Arg Asp Val Gln Gly Ala Pro Tyr
1 5

<210> 3089

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3089

Gly Lys Glu Gly Tyr Asn Asp Asn
1 5

<210> 3090

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3090

Arg Ser Tyr Asp Ile Leu Thr Gly Tyr Tyr Thr Tyr Gly Met Asp Val
1 5 10 15

<210> 3091

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3091

Ser Gly Arg Gln Ala Tyr Tyr Tyr Tyr Gly Met Asp Val
1 5 10

<210> 3092

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3092

Thr Asp Tyr Gly Gly Phe Asp Tyr
1 5

<210> 3093

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3093

Glu Lys Arg Gly Ser Arg Arg Val Phe Asp Ile

1 5 10

<210> 3094
<211> 6
<212> PRT
<213> Homo sapiens

<400> 3094
Asp Thr Pro Leu Asp Pro
1 5

<210> 3095
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3095
Gly Arg Gly Tyr Ser Ser Ser Ser Val Tyr Gly Met Asp Ile
1 5 10 15

<210> 3096
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3096
Val Val Gly Gly Tyr Ser Ser Thr Leu Gly Thr Asp Val
1 5 10

<210> 3097
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3097
Ser Arg Ser Pro Tyr Asp Ala Phe Asp Ile
1 5 10

<210> 3098
<211> 8
<212> PRT
<213> Homo sapiens

<400> 3098
Gly His Phe Tyr Gly Met Asp Val
1 5

<210> 3099
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3099

Asn Ser Ala Pro Pro Ala Pro Ser Met Asp Val
 1 5 10

<210> 3100
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 3100
 Lys Gln Arg Arg Glu Lys Tyr Phe Asp Tyr
 1 5 10

<210> 3101
 <211> 18
 <212> PRT
 <213> Homo sapiens

<400> 3101
 Asp Gly Asp Ile Ser Asp Ser Pro Ile Asn Asn Gln Asn Tyr Ala Met
 1 5 10 15

Asp Ile

<210> 3102
 <211> 12
 <212> PRT
 <213> Homo sapiens

<400> 3102
 Arg Pro Ala Leu Arg Ser Leu Trp Tyr Phe Asp Leu
 1 5 10

<210> 3103
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 3103
 Glu Asp Leu Thr Gly Asp Ala Phe Asp Ile
 1 5 10

<210> 3104
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 3104
 Glu Leu Thr Gly Ala Asn Asp Ala Phe Asp Ile
 1 5 10

<210> 3105

<211> 10
<212> PRT
<213> Homo sapiens

<400> 3105
Asp Glu Ile Tyr Asn Asp Ala Phe Asp Tyr
1 5 10

<210> 3106
<211> 12
<212> PRT
<213> Homo sapiens

<400> 3106
Leu Ser Asn Arg Asn Asp Asn Leu Arg Leu Asp Tyr
1 5 10

<210> 3107
<211> 18
<212> PRT
<213> Homo sapiens

<400> 3107
Ala Arg Asp Tyr Tyr Asp Ser Ser Gly Tyr Tyr Val Pro Asp Ala Phe
1 5 10 15

Asp Ile

<210> 3108
<211> 6
<212> PRT
<213> Homo sapiens

<400> 3108
Asp Ser Gly Ser Pro Asp
1 5

<210> 3109
<211> 14
<212> PRT
<213> Homo sapiens

<400> 3109
Asn Pro Tyr Tyr Asp Ser Ser Glu Gly Phe Phe Asp Tyr
1 5 10

<210> 3110
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3110

Asp Ser Arg Pro Thr Asn Arg Ala Phe His Tyr
 1 5 10

<210> 3111

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3111

Glu His Ser Ser Ser Phe Asp Tyr
 1 5

<210> 3112

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3112

Gly Ser Asn Tyr Ser Pro Asp Ala Phe Asp Ile
 1 5 10

<210> 3113

<211> 19

<212> PRT

<213> Homo sapiens

<400> 3113

Asp Ser Asp Leu Val Val Ile Pro Thr Ala Ile Gln Gly Arg Tyr Tyr
 1 5 10 15

Phe Asp Asn

<210> 3114

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3114

Gly Pro Ser Tyr Tyr Tyr Tyr Met Ala Val
 1 5 10

<210> 3115

<211> 15

<212> PRT

<213> Homo sapiens

<400> 3115

Glu Ser Leu Leu Thr Glu Glu Tyr Cys Gly Ser Asp Cys Tyr Ser
 1 5 10 15

<210> 3116

<211> 10
<212> PRT
<213> Homo sapiens

<400> 3116
Glu Ser Leu Thr Gly Asp Ala Phe Asp Ile
1 5 10

<210> 3117
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3117
Glu Ser Leu Thr Gly Gly Ala Phe Asp Ile
1 5 10

<210> 3118
<211> 9
<212> PRT
<213> Homo sapiens

<400> 3118
Gly Ala Gly Ser Arg Tyr Phe Asp Leu
1 5

<210> 3119
<211> 8
<212> PRT
<213> Homo sapiens

<400> 3119
Gly Gly Asp Arg Ala Phe Asp Ile
1 5

<210> 3120
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3120
Ser Pro Leu His Phe Ser Asp Ala Phe Asp Ile
1 5 10

<210> 3121
<211> 5
<212> PRT
<213> Homo sapiens

<400> 3121
Asn Ala Phe Asp Tyr
1 5

<210> 3122

<211> 5

<212> PRT

<213> Homo sapiens

<400> 3122

Leu Ser Gly Asp Ser

1 5

<210> 3123

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3123

Glu Gly Val Ala Ala Gly Glu Asp Tyr

1 5

<210> 3124

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3124

Phe Pro Leu Glu Ser Tyr Tyr Tyr Met Asp Val

1 5 10

<210> 3125

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3125

Ala Val Arg Ser Pro Gly Tyr Tyr Tyr Tyr Tyr Met Asp Val

1 5 10

<210> 3126

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3126

Asp Ala Asp Glu Gly Leu Val Glu Ala Glu Thr Thr Asn Trp Phe Asp

1 5 10 15

Ser

<210> 3127

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3127

Asp Tyr Pro His Asn Ala Phe Asp Ile

1 5

<210> 3128

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3128

Val Glu Trp Glu Asp Ile Val Val Gly Ser Ala Phe Asp Ile

1 5 10

<210> 3129

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3129

Pro Ala Ala Ser Ser Arg Gly Pro Lys Asp Ala Phe Asp Ile

1 5 10

<210> 3130

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3130

Gly Lys Arg Tyr Ser Tyr Gly Trp Tyr Phe Asp Ile

1 5 10

<210> 3131

<211> 20

<212> PRT

<213> Homo sapiens

<400> 3131

Asp Val Arg Ser Asp Arg Phe Trp Ser Gly Gly Tyr Phe His Tyr Ser

1 5 10 15

Gly Met Asp Val

20

<210> 3132

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3132

Val Arg Pro Gly Leu Met Asp Val

1 5

<210> 3133

<211> 20

<212> PRT

<213> Homo sapiens

<400> 3133

Asp Ile Leu Pro Asp Tyr Asp Phe Trp Asn Pro Asn Glu Asp Ala Ser
1 5 10 15

Ser Leu Asp Thr

20

<210> 3134

<211> 5

<212> PRT

<213> Homo sapiens

<400> 3134

Asp Pro Phe Asp Tyr
1 5

<210> 3135

<211> 6

<212> PRT

<213> Homo sapiens

<400> 3135

Gly Asn Gly Lys Asp Val
1 5

<210> 3136

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3136

Lys Arg Gly Asp Phe Gly Val Ile Arg Leu His His Tyr Tyr Gly Met
1 5 10 15

Asp Val

<210> 3137

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3137

Val Gly Tyr Gly Gly Lys Gly Asp Tyr
1 5

<210> 3138

<211> 12
<212> PRT
<213> Homo sapiens

<400> 3138
Val Leu Val Arg Gly Gln Tyr Arg Gly Met Asp Leu
1 5 10

<210> 3139
<211> 5
<212> PRT
<213> Homo sapiens

<400> 3139
Arg Tyr Tyr Asp Tyr
1 5

<210> 3140
<211> 16
<212> PRT
<213> Homo sapiens

<400> 3140
Asp Gly Asn Leu Asn Tyr Asp Gly Ser Thr Asp Tyr Gly Met Asp Val
1 5 10 15

<210> 3141
<211> 8
<212> PRT
<213> Homo sapiens

<400> 3141
Gly Arg Lys Pro Leu Phe Asp Tyr
1 5

<210> 3142
<211> 8
<212> PRT
<213> Homo sapiens

<400> 3142
Asp Ala Ala Val Thr Ala Glu Gly
1 5

<210> 3143
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3143
Val Asn Asp Ile Val Val Asp Met Asp Val
1 5 10

<210> 3144
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3144
Val Arg Gln Gln Ile Ala Asp Pro Pro Arg Ser Phe Phe Asp Pro
1 5 10 15

<210> 3145
<211> 19
<212> PRT
<213> Homo sapiens

<400> 3145
Val Thr Ser Leu Tyr Ser Ser Ser Ser Gly Gly Tyr Tyr Tyr Tyr Gly
1 5 10 15

Met Asp Val

<210> 3146
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3146
Asn Ile Thr Pro Leu Ala Met Val Gly Asp Phe
1 5 10

<210> 3147
<211> 7
<212> PRT
<213> Homo sapiens

<400> 3147
Gly Asp Ala Tyr Phe Asp Tyr
1 5

<210> 3148
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3148
Glu Arg Gly Gly Arg Asp Gly Asp Tyr Ala Leu Asp Phe
1 5 10

<210> 3149
<211> 20
<212> PRT
<213> Homo sapiens

<400> 3149

Gly Ala His Tyr Tyr Asp Arg Ser Pro Ser His Leu Lys Ser Tyr Trp
1 5 10 15

Tyr Phe Asp Leu

20

<210> 3150

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3150

Glu Gly Ser Ile Val Gly Ala Thr Leu Thr Ile Asn Asp Ala Phe Asp
1 5 10 15

Ile

<210> 3151

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3151

Glu Lys Ala Ile Ile Glu Thr Thr Ser Gly Glu Ala Asp Pro Phe Asp
1 5 10 15

Ile

<210> 3152

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3152

Thr Trp Ala Thr Asn Thr Phe Asp Met
1 5

<210> 3153

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3153

Asp Gly Pro Thr Tyr Ala Arg Pro Tyr Tyr Leu Asp His
1 5 10

<210> 3154

<211> 23

<212> PRT

<213> Homo sapiens

<400> 3154

Asp Phe Gln Met Val Arg Gly Val Phe Ile Ala Asn Pro Pro Ile Tyr
1 5 10 15

Asn Tyr Tyr Gly Met Asp Val
20

<210> 3155

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3155

Glu Gly Asp Pro Thr Asp Asn Asp Ala Phe Asp Val
1 5 10

<210> 3156

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3156

Glu Arg Gly Asn Gln Ala Phe Asp Ile
1 5

<210> 3157

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3157

Glu Val Gly Gly Ala Phe Asp Ile
1 5

<210> 3158

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3158

Gly Asn Ser Phe Gly Arg Thr Leu Asp Tyr
1 5 10

<210> 3159

<211> 15

<212> PRT

<213> Homo sapiens

<400> 3159

Ala Leu Leu Gly Leu Pro Ser Asp Phe Ser Tyr Tyr Val Asp Val

1

5

10

15

<210> 3160

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3160

Glu Gly Glu Gly Asp Gly Tyr Asn Val Ala Pro Tyr Tyr Phe Asp Tyr

1

5

10

15

<210> 3161

<211> 5

<212> PRT

<213> Homo sapiens

<400> 3161

Leu Ile Glu Asp Phe

1

5

<210> 3162

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3162

Gly Gly Val Gly Asp Ser Arg Gly Val Phe Asp Pro

1

5

10

<210> 3163

<211> 21

<212> PRT

<213> Homo sapiens

<400> 3163

Leu Pro Pro Asp Leu Arg Tyr Cys Asp Gly Gly Ile Cys Pro Gly Phe

1

5

10

15

Asp Trp Leu Gly Pro

20

<210> 3164

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3164

Asp Leu Ser Arg Val Ala Gly Arg Phe Asp Tyr

1

5

10

<210> 3165

<211> 11

<212> PRT
<213> Homo sapiens

<400> 3155
Glu Phe Phe Gly Tyr Val Tyr Leu Thr Asp Tyr
1 5 10

<210> 3156
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3156
Ala Asp Tyr Ser Asn Asp Tyr Tyr Met Asp Val
1 5 10

<210> 3157
<211> 5
<212> PRT
<213> Homo sapiens

<400> 3157
Phe Asp Leu Asp Tyr
1 5

<210> 3158
<211> 5
<212> PRT
<213> Homo sapiens

<400> 3158
Leu Leu Ser Asp Tyr
1 5

<210> 3169
<211> 7
<212> PRT
<213> Homo sapiens

<400> 3159
Gly Phe Ala Leu Tyr Lys Asp
1 5

<210> 3170
<211> 7
<212> PRT
<213> Homo sapiens

<400> 3170
Arg Leu Ile Arg Lys Ala Arg
1 5

<210> 3171

<211> 9
<212> PRT
<213> Homo sapiens

<400> 3171
Ala Ser Tyr Pro Val Pro Phe Asp Tyr
1 5

<210> 3172
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3172
Val Asp Tyr Thr Asp Tyr Glu Met Gly Ala Phe Asp Leu
1 5 10

<210> 3173
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3173
Val Arg Asp Asp Ser Ala Gly Phe Asp Tyr
1 5 10

<210> 3174
<211> 5
<212> PRT
<213> Homo sapiens

<400> 3174
Leu Ala Phe Asp Ile
1 5

<210> 3175
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3175
Thr Gly Ile Trp Gly Tyr Tyr Phe Asp Tyr
1 5 10

<210> 3176
<211> 12
<212> PRT
<213> Homo sapiens

<400> 3176
Gly Leu Asp Val Tyr Ala Ile Tyr Gly Leu Asp Val
1 5 10

<210> 3177

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3177

Gly Gly Asp Met Thr Thr Val Thr Thr Asp Tyr
1 5 10

<210> 3178

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3178

Glu Ile Gly Trp Glu Gly Ala Phe Asp Ile
1 5 10

<210> 3179

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3179

Val Lys Arg Tyr Tyr Phe Asp Tyr
1 5

<210> 3180

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3180

Glu Ala Gly Glu Val Ala Ala Ile Asp Tyr
1 5 10

<210> 3181

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3181

Leu Gly Arg Asn Tyr Thr Ser Ser Trp Ser Leu Asp Tyr
1 5 10

<210> 3182

<211> 7

<212> PRT

<213> Homo sapiens

<400> 3182

Asp Arg Thr Arg Met Asp Val
1 5

<210> 3183
<211> 9
<212> PRT
<213> Homo sapiens

<400> 3183
Gly Gly Met Asp Trp Asp Phe Asp Tyr
1 5

<210> 3184
<211> 17
<212> PRT
<213> Homo sapiens

<400> 3184
Gly Leu Ala Pro Ile Val Asp Gly Gly Met Thr Asn Asp Ala Phe Asp
1 5 10 15

Ile

<210> 3185
<211> 11
<212> PRT
<213> Homo sapiens

<400> 3185
Pro Tyr Gly Ser Gly Ser Tyr Ala Phe Asp Ile
1 5 10

<210> 3186
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3186
Leu His Cys Thr Gly Gly Ser Cys Gly Phe
1 5 10

<210> 3187
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3187
Val Asp Tyr Thr Asp Tyr Glu Met Gly Ala Phe Glu Ile
1 5 10

<210> 3188
<211> 16
<212> PRT
<213> Homo sapiens

<400> 3188

Glu Ala Gly Gly Ser Gly Ser Tyr His Phe Ser Phe Pro Phe Asp Tyr
1 5 10 15

<210> 3189

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3189

Glu Ala Tyr Ala Ser Ser Trp Ala Glu Phe Asp Phe
1 5 10

<210> 3190

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3190

Glu Ala Tyr Thr Ser Ser Trp Ala Glu Phe Asp Phe
1 5 10

<210> 3191

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3191

Glu Leu Val Gly Ala Pro Gly Gly Phe Asp Pro
1 5 10

<210> 3192

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3192

Asp Val Pro Pro Pro Asp Gly Tyr Leu Glu Val
1 5 10

<210> 3193

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3193

Asp Leu Ser Gly Ser Tyr Phe Ser Arg Tyr Phe Asp Tyr
1 5 10

<210> 3194

<211> 13

<212> PRT

<213> Homo sapiens

<400> 3194

Asp Arg Ile Ala Ala Ala Gly Gly Asp Ala Phe Asp Ile
1 5 10

<210> 3195

<211> 7

<212> PRT

<213> Homo sapiens

<400> 3195

Gly Trp Arg Gly Val Asp Tyr
1 5

<210> 3196

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3196

Val Gly Asn Phe Gly Tyr Tyr Phe Glu Tyr
1 5 10

<210> 3197

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3197

Asp Leu Tyr Lys Asn Gly Tyr Ala Leu Phe Asp Ser
1 5 10

<210> 3198

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3198

Ser Asp Asp Trp Gly Ala Tyr His Ile
1 5

<210> 3199

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3199

Ser Thr Leu Glu Val Gly Ala Thr Asp Phe Asp Tyr
1 5 10

<210> 3200

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3200

Glu Gly Leu Leu Asp Ala Phe Asp Ile

1

5

<210> 3201

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3201

Asp Glu Tyr Ser Ser Leu Tyr Met Asp Val

1

5

10

<210> 3202

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3202

Ser Asn Trp Gly Gly Asp Ala Phe Asp Ile

1

5

10

<210> 3203

<211> 17

<212> PRT

<213> Homo sapiens

<400> 3203

Glu Ser Ser Gly Thr Leu Gly Glu Phe Ser Leu Glu Leu Pro Phe Asp

1

5

10

15

Tyr

<210> 3204

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3204

Thr Ser Glu Arg Gly Thr Tyr Arg Gln Trp Asp Phe Asp Asn

1

5

10

<210> 3205

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3205

His Asp Val Tyr Gly Asp Leu Phe Asp Ser

```

1                                     10

<210> 3206
<211> 12
<212> PRT
<213> Homo sapiens

<400> 3206
Leu Gly Val Ala Arg Gly Arg Glu Ala Phe Asp Leu
  1                               5               10

<210> 3207
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3207
Asp Gln Gly Ile Glu Thr Ala Asn Asp Tyr
  1                               5               10

<210> 3208
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3208
Ser Val Ala Gly Arg Gly Asn Phe Asp Tyr
  1                               5               10

<210> 3209
<211> 13
<212> PRT
<213> Homo sapiens

<400> 3209
Arg Gly Gly Thr Ser Glu Asn Tyr Ser Gly Met Asp Val
  1                               5               10

<210> 3210
<211> 6
<212> PRT
<213> Homo sapiens

<400> 3210
Gly Gly Trp Leu Asp Asp
  1                               5

<210> 3211
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3211

```

His Asp Val Tyr Gly Asp Leu Phe Asp Tyr
1 5 10

<210> 3212

<211> 16

<212> PRT

<213> Homo sapiens

<400> 3212

Glu Thr Phe Ser His Cys Ser Gly Gly Ser Cys Tyr Pro Phe Asp Tyr
1 5 10 15

<210> 3213

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3213

Val Asp Ser Ser Gly Tyr Ala Tyr Tyr
1 5

<210> 3214

<211> 8

<212> PRT

<213> Homo sapiens

<400> 3214

Ser Ser Arg Asn Gly Gly Asp Tyr
1 5

<210> 3215

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3215

Arg Thr Pro Asp His Asn Gly Asp Ser Gly Pro Pro Asp Tyr
1 5 10

<210> 3216

<211> 6

<212> PRT

<213> Homo sapiens

<400> 3216

Val His Ser Ser Gly Ser
1 5

<210> 3217

<211> 12

<212> PRT

<213> Homo sapiens

<400> 3217

Gly Lys Arg Tyr Ser Tyr Gly Trp Tyr Phe Asp Val
1 5 10

<210> 3218

<211> 14

<212> PRT

<213> Homo sapiens

<400> 3218

Leu Arg Pro Asp Ala Asp Tyr Gly Asp Tyr Gly Phe Asp Tyr
1 5 10

<210> 3219

<211> 21

<212> PRT

<213> Homo sapiens

<400> 3219

Leu Pro Pro Asp Leu Arg Tyr Cys Asp Gly Gly Met Cys Ser Gly Phe
1 5 10 15

Asp Trp Leu Gly Pro

20

<210> 3220

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3220

Asp Gly Thr Lys Tyr Asp Trp Gly Phe Asp Tyr
1 5 10

<210> 3221

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3221

Leu His Cys Ser Gly Gly Ser Cys Gly Phe
1 5 10

<210> 3222

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3222

Gly Pro Ile Tyr Tyr Phe Asp Gly Ser Ala Tyr Glu Gly Tyr Tyr Phe
1 5 10 15

Asp Tyr

<210> 3223
<211> 8
<212> PRT
<213> Homo sapiens

<400> 3223
Met Asn Ala Asp Ala Phe Glu Ile
1 5

<210> 3224
<211> 10
<212> PRT
<213> Homo sapiens

<400> 3224
Phe Gly Ala Gly Arg Leu Tyr Asp Asp Tyr
1 5 10

<210> 3225
<211> 15
<212> PRT
<213> Homo sapiens

<400> 3225
Ala Gly Gly Asn Pro Arg Ser Gly Ser Leu Val Tyr Phe Asp Tyr
1 5 10 15

<210> 3226
<211> 19
<212> PRT
<213> Homo sapiens

<400> 3226
Gly Gly Arg Tyr Gly Tyr Tyr Tyr Asp Gly Thr Gly Tyr Val Asp Ala
1 5 10 15

Phe Asp Ile

<210> 3227
<211> 19
<212> PRT
<213> Homo sapiens

<400> 3227
Asp Tyr Tyr Asp Gly Ser Ser Tyr Ser Ser Gly Asp Tyr Tyr Tyr Tyr
1 5 10 15

Met Asp Val

<210> 3228

<211> 285

<212> PRT

<213> Homo sapiens

<400> 3228

Met Asp Asp Ser Thr Glu Arg Glu Gln Ser Arg Leu Thr Ser Cys Leu
 1 5 10 15

Lys Lys Arg Glu Glu Met Lys Leu Lys Glu Cys Val Ser Ile Leu Pro
 20 25 30

Arg Lys Glu Ser Pro Ser Val Arg Ser Ser Lys Asp Gly Lys Leu Leu
 35 40 45

Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Cys Cys Leu Thr Val Val
 50 55 60

Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly Asp Leu Ala Ser Leu Arg
 65 70 75 80

Ala Glu Leu Gln Gly His His Ala Glu Lys Leu Pro Ala Gly Ala Gly
 85 90 95

Ala Pro Lys Ala Gly Leu Glu Glu Ala Pro Ala Val Thr Ala Gly Leu
 100 105 110

Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Asn
 115 120 125

Ser Arg Asn Lys Arg Ala Val Gln Gly Pro Glu Glu Thr Val Thr Gln
 130 135 140

Asp Cys Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys
 145 150 155 160

Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser
 165 170 175

Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr
 180 185 190

Phe Phe Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met
 195 200 205

Gly His Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu
 210 215 220

Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu
 225 230 235 240

Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly
 245 250 255

Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu

260										265										270																															
Asp	Gly	Asp	Val	Thr	Phe	Phe	Gly	Ala	Leu	Lys	Leu	Leu																																							
275													280													285																									
<210> 3229													<211> 266													<212> PRT													<213> Human sapiens												
<400> 3229																																																			
Met	Asp	Asp	Ser	Thr	Glu	Arg	Glu	Gln	Ser	Arg	Leu	Thr	Ser	Cys	Leu																																				
1	5												10												15																										
Lys	Lys	Arg	Glu	Glu	Met	Lys	Leu	Lys	Glu	Cys	Val	Ser	Ile	Leu	Pro																																				
20													25													30																									
Arg	Lys	Glu	Ser	Pro	Ser	Val	Arg	Ser	Ser	Lys	Asp	Gly	Lys	Leu	Leu																																				
35													40													45																									
Ala	Ala	Thr	Leu	Leu	Leu	Ala	Leu	Leu	Ser	Cys	Cys	Leu	Thr	Val	Val																																				
50													55													60																									
Ser	Phe	Tyr	Gln	Val	Ala	Ala	Leu	Gln	Gly	Asp	Leu	Ala	Ser	Leu	Arg																																				
65	70												75												80																										
Ala	Glu	Leu	Gln	Gly	His	His	Ala	Glu	Lys	Leu	Pro	Ala	Gly	Ala	Gly																																				
85													90													95																									
Ala	Pro	Lys	Ala	Gly	Leu	Glu	Glu	Ala	Pro	Ala	Val	Thr	Ala	Gly	Leu																																				
100													105													110																									
Lys	Ile	Phe	Glu	Pro	Pro	Ala	Pro	Gly	Glu	Gly	Asn	Ser	Ser	Gln	Asn																																				
115													120													125																									
Ser	Arg	Asn	Lys	Arg	Ala	Val	Gln	Gly	Pro	Glu	Glu	Thr	Gly	Ser	Tyr																																				
130													135													140																									
Thr	Phe	Val	Pro	Trp	Leu	Leu	Ser	Phe	Lys	Arg	Gly	Ser	Ala	Leu	Glu																																				
145													150													155													160												
Glu	Lys	Glu	Asn	Lys	Ile	Leu	Val	Lys	Glu	Thr	Gly	Tyr	Phe	Phe	Ile																																				
165													170													175																									
Tyr	Gly	Gln	Val	Leu	Tyr	Thr	Asp	Lys	Thr	Tyr	Ala	Met	Gly	His	Leu																																				
180													185													190																									
Ile	Gln	Arg	Lys	Lys	Val	His	Val	Phe	Gly	Asp	Glu	Leu	Ser	Leu	Val																																				
195													200													205																									
Thr	Leu	Phe	Arg	Cys	Ile	Gln	Asn	Met	Pro	Glu	Thr	Leu	Pro	Asn	Asn																																				
210													215													220																									
Ser	Cys	Tyr	Ser	Ala	Gly	Ile	Ala	Lys	Leu	Glu	Glu	Gly	Asp	Glu	Leu																																				
225													230													235													240												
Gln	Leu	Ala	Ile	Pro	Arg	Glu	Asn	Ala	Gln	Ile	Ser	Leu	Asp	Gly	Asp																																				
245													250													255																									

Val Thr Phe Phe Gly Ala Leu Lys Leu Leu
260 265

<210> 3230

<211> 309

<212> PRT

<213> Mus musculus

<400> 3230

Met Asp Glu Ser Ala Lys Thr Leu Pro Pro Pro Cys Leu Cys Phe Cys
1 5 10 15

Ser Glu Lys Gly Glu Asp Met Lys Val Gly Tyr Asp Pro Ile Thr Pro
20 25 30

Gln Lys Glu Glu Gly Ala Trp Phe Gly Ile Cys Arg Asp Gly Arg Leu
35 40 45

Leu Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Ser Ser Phe Thr Ala
50 55 60

Met Ser Leu Tyr Gln Leu Ala Ala Leu Gln Ala Asp Leu Met Asn Leu
65 70 75 80

Arg Met Glu Leu Gln Ser Tyr Arg Gly Ser Ala Thr Pro Ala Ala Ala
85 90 95

Gly Ala Pro Glu Leu Thr Ala Gly Val Lys Leu Leu Thr Pro Ala Ala
100 105 110

Pro Arg Pro His Asn Ser Ser Arg Gly His Arg Asn Arg Arg Ala Phe
115 120 125

Gln Gly Pro Glu Glu Thr Glu Gln Asp Val Asp Leu Ser Ala Pro Pro
130 135 140

Ala Pro Cys Leu Pro Gly Cys Arg His Ser Gln His Asp Asp Asn Gly
145 150 155 160

Met Asn Leu Arg Asn Ile Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp
165 170 175

Ser Asp Thr Pro Thr Ile Arg Lys Gly Thr Tyr Thr Phe Val Pro Trp
180 185 190

Leu Leu Ser Phe Lys Arg Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys
195 200 205

Ile Val Val Arg Gln Thr Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu
210 215 220

Tyr Thr Asp Pro Ile Phe Ala Met Gly His Val Ile Gln Arg Lys Lys
225 230 235 240

Val His Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys
245 250 255

Ile Gln Asn Met Pro Lys Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala
260 265 270

Gly Ile Ala Arg Leu Glu Glu Gly Asp Glu Ile Gln Leu Ala Ile Pro
275 280 285

Arg Glu Asn Ala Gln Ile Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly
290 295 300

Ala Leu Lys Leu Leu
305

<210> 3231

<211> 290

<212> PRT

<213> Mus musculus

<400> 3231

Met Asp Glu Ser Ala Lys Thr Leu Pro Pro Pro Cys Leu Cys Phe Cys
1 5 10 15

Ser Glu Lys Gly Glu Asp Met Lys Val Gly Tyr Asp Pro Ile Thr Pro
20 25 30

Gln Lys Glu Glu Gly Ala Trp Phe Gly Ile Cys Arg Asp Gly Arg Leu
35 40 45

Leu Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Ser Ser Phe Thr Ala
50 55 60

Met Ser Leu Tyr Gln Leu Ala Ala Leu Gln Ala Asp Leu Met Asn Leu
65 70 75 80

Arg Met Glu Leu Gln Ser Tyr Arg Gly Ser Ala Thr Pro Ala Ala Ala
85 90 95

Gly Ala Pro Glu Leu Thr Ala Gly Val Lys Leu Leu Thr Pro Ala Ala
100 105 110

Pro Arg Pro His Asn Ser Ser Arg Gly His Arg Asn Arg Arg Ala Phe
115 120 125

Gln Gly Pro Glu Glu Thr Glu Gln Asp Val Asp Leu Ser Ala Pro Pro
130 135 140

Ala Pro Cys Leu Pro Gly Cys Arg His Ser Gln His Asp Asp Asn Gly
145 150 155 160

Met Asn Leu Arg Asn Arg Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser
165 170 175

Phe Lys Arg Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys Ile Val Val
180 185 190

Arg Gln Thr Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp
195 200 205

Pro Ile Phe Ala Met Gly His Val Ile Gln Arg Lys Lys Val His Val

210 215 220
 Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn
 225 230 235 240
 Met Pro Lys Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala
 245 250 255
 Arg Leu Glu Glu Gly Asp Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn
 260 265 270
 Ala Gln Ile Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys
 275 280 285
 Leu Leu
 290
 <210> 3232
 <211> 239
 <212> PRT
 <213> Rattus rattus
 <400> 3232
 Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr
 1 5 10 15
 Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala
 20 25 30
 Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser
 35 40 45
 Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Glu
 50 55 60
 Gln Asp Val Asp Leu Ser Ala Thr Pro Ala Pro Ser Leu Pro Gly Asn
 65 70 75 80
 Cys His Ala Ser His His Asp Glu Asn Gly Leu Asn Leu Arg Thr Ile
 85 90 95
 Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Asn Thr Pro Thr Ile
 100 105 110
 Arg Lys Gly Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg
 115 120 125
 Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr
 130 135 140
 Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe
 145 150 155 160
 Ala Met Gly His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp
 165 170 175
 Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys
 180 185 190

Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu
195 200 205

Glu Gly Asp Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile
210 215 220

Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu
225 230 235

<210> 3233

<211> 220

<212> PRT

<213> Rattus rattus

<400> 3233

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr
1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala
20 25 30

Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser
35 40 45

Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Glu
50 55 60

Gln Asp Val Asp Leu Ser Ala Thr Pro Val Pro Ser Leu Pro Gly Asn
65 70 75 80

Cys His Ala Ser His His Asp Glu Asn Gly Leu Asn Leu Arg Thr Arg
85 90 95

Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Asn Ala
100 105 110

Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr Gly Tyr Phe
115 120 125

Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe Ala Met Gly
130 135 140

His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp Glu Leu Ser
145 150 155 160

Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys Thr Leu Pro
165 170 175

Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp
180 185 190

Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Arg Asn
195 200 205

Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu
210 215 220

<210> 3234
 <211> 207
 <212> PRT
 <213> Rattus rattus

<400> 3234

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr
 1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala
 20 25 30

Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser
 35 40 45

Arg Gly Gln Arg Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Val
 50 55 60

Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Asn Thr Pro Thr Ile
 65 70 75 80

Arg Lys Gly Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg
 85 90 95

Gly Asn Ala Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr
 100 105 110

Gly Tyr Phe Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe
 115 120 125

Ala Met Gly His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp
 130 135 140

Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys
 145 150 155 160

Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu
 165 170 175

Glu Gly Asp Glu Val Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile
 180 185 190

Ser Arg Asn Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu
 195 200 205

<210> 3235
 <211> 188
 <212> PRT
 <213> Rattus rattus

<400> 3235

Ala Val Gln Ala Asp Leu Met Ser Leu Arg Met Glu Leu Gln Ser Tyr
 1 5 10 15

Arg Ser Ser Ala Thr Pro Ala Ala Pro Gly Ala Pro Gly Leu Ser Ala
 20 25 30

Gly Val Lys Leu Pro Thr Pro Ala Ala Pro Gly Pro His Asn Ser Ser
35 40 45

Arg Gly Gln Arg Asn Arg Arg Ala Phe Gln Gly Pro Glu Glu Thr Gly
50 55 60

Thr Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Asn Ala
65 70 75 80

Leu Glu Glu Lys Glu Asn Lys Ile Val Val Arg Gln Thr Gly Tyr Phe
85 90 95

Phe Ile Tyr Ser Gln Val Leu Tyr Thr Asp Pro Ile Phe Ala Met Gly
100 105 110

His Val Ile Gln Arg Lys Lys Ile His Val Phe Gly Asp Glu Leu Ser
115 120 125

Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Lys Thr Leu Pro
130 135 140

Asn Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp
145 150 155 160

Glu Ile Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Arg Asn
165 170 175

Gly Asp Asp Thr Phe Phe Gly Ala Leu Lys Leu Leu
180 185

<210> 3236

<211> 243

<212> PRT

<213> Macaca fascicularis

<400> 3236

Lys Asp Arg Lys Leu Leu Ala Ala Ala Leu Leu Leu Ala Leu Leu Ser
1 5 10 15

Cys Cys Leu Met Val Val Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly
20 25 30

Asp Leu Ala Ser Leu Arg Ala Glu Leu Gln Gly His His Ala Glu Lys
35 40 45

Leu Pro Ala Arg Ala Arg Ala Pro Lys Ala Gly Leu Gly Glu Ala Pro
50 55 60

Ala Val Thr Ala Gly Leu Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu
65 70 75 80

Gly Asn Ser Ser Gln Ser Ser Arg Asn Lys Arg Ala Ile Gln Gly Ala
85 90 95

Glu Glu Thr Val Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Glu
100 105 110

Thr Pro Thr Ile Gln Lys Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu

115 120 125
 Ser Phe Lys Arg Gly Ser Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu
 130 135 140
 Val Lys Glu Thr Gly Tyr Phe Phe Ile Tyr Gly Gln Val Leu Tyr Thr
 145 150 155 160
 Asp Lys Thr Tyr Ala Met Gly His Leu Ile Gln Arg Lys Lys Val His
 165 170 175
 Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln
 180 185 190
 Asn Met Pro Glu Thr Leu Pro Asn Asn Ser Cys Tyr Ser Ala Gly Ile
 195 200 205
 Ala Lys Leu Glu Glu Gly Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu
 210 215 220
 Asn Ala Gln Ile Ser Leu Asp Gly Asp Val Thr Phe Phe Gly Ala Leu
 225 230 235 240
 Lys Leu Leu

<210> 3237
 <211> 219
 <212> PRT
 <213> Macaca mulatta

<400> 3237

Tyr Gln Val Ala Val Gln Gly Asp Leu Ala Ser Leu Arg Ala Glu
 1 5 10 15
 Leu Gln Ser His His Ala Glu Lys Leu Pro Ala Arg Ala Arg Ala Pro
 20 25 30
 Lys Ala Gly Leu Gly Glu Ala Pro Ala Val Thr Ala Gly Leu Lys Ile
 35 40 45
 Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Ser Ser Arg
 50 55 60
 Asn Lys Arg Ala Ile Gln Gly Ala Glu Glu Thr Val Ile Gln Asp Cys
 65 70 75 80
 Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys Gly Ser
 85 90 95
 Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser Ala Leu
 100 105 110
 Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr Phe Phe
 115 120 125
 Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met Gly His
 130 135 140

Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu
145 150 155 160

Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu Pro Asn
165 170 175

Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp Glu
180 185 190

Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu Asp Gly
195 200 205

Asp Val Thr Phe Phe Gly Ala Leu Lys Leu Leu
210 215

<210> 3238

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<221> site

<222> (1)..(8)

<223> Flag Tag

<400> 3238

Asp Tyr Lys Asp Asp Asp Asp Lys
1 5

<210> 3239

<211> 250

<212> PRT

<213> Homo sapiens

<400> 3239

Met Pro Ala Ser Ser Pro Phe Leu Leu Ala Pro Lys Gly Pro Pro Gly
1 5 10 15

Asn Met Gly Gly Pro Val Arg Glu Pro Ala Leu Ser Val Ala Leu Trp
20 25 30

Leu Ser Trp Gly Ala Ala Leu Gly Ala Val Ala Cys Ala Met Ala Leu
35 40 45

Leu Thr Gln Gln Thr Glu Leu Gln Ser Leu Arg Arg Glu Val Ser Arg
50 55 60

Leu Gln Gly Thr Gly Gly Pro Ser Gln Asn Gly Glu Gly Tyr Pro Trp
65 70 75 80

Gln Ser Leu Pro Glu Gln Ser Ser Asp Ala Leu Glu Ala Trp Glu Asn
85 90 95

Gly Glu Arg Ser Arg Lys Arg Arg Ala Val Leu Thr Gln Lys Gln Lys
100 105 110

Lys Gln His Ser Val Leu His Leu Val Pro Ile Asn Ala Thr Ser Lys
 115 120 125
 Asp Asp Ser Asp Val Thr Glu Val Met Trp Gln Pro Ala Leu Arg Arg
 130 135 140
 Gly Arg Gly Leu Gln Ala Gln Gly Tyr Gly Val Arg Ile Gln Asp Ala
 145 150 155 160
 Gly Val Tyr Leu Leu Tyr Ser Gln Val Leu Phe Gln Asp Val Thr Phe
 165 170 175
 Thr Met Gly Gln Val Val Ser Arg Glu Gly Gln Gly Arg Gln Glu Thr
 180 185 190
 Leu Phe Arg Cys Ile Arg Ser Met Pro Ser His Pro Asp Arg Ala Tyr
 195 200 205
 Asn Ser Cys Tyr Ser Ala Gly Val Phe His Leu His Gln Gly Asp Ile
 210 215 220
 Leu Ser Val Ile Ile Pro Arg Ala Arg Ala Lys Leu Asn Leu Ser Pro
 225 230 235 240
 His Gly Thr Phe Leu Gly Phe Val Lys Leu
 245 250

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/19110**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : C07K 16/00

US CL : 530/387.1, 388.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 530/387.1, 388.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

STIC searched SEQ ID NO: 1 against protein databases PIR_68, SwissProt_39, SPTREMBL_16, A_Geneseq_0601

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST 2.0, STN(BIOSCIENCE)

search terms: inventors' names, stimulator, b lymphocyte stimulator/ing., antibody/ies, blys

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A, P	Database BIOSIS on STN, No. 2001: 79410, NARDELLI et al. 'Synthesis and release of B-lymphocyte stimulator from myeloid cells.' abstract, Blood. 01 January 2001, Vol. 97, No. 1, pages 198-204.	1, 3-50, 85, 86

☐ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
A document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
E earlier document published on or after the international filing date	*Y* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
O document referring to an oral disclosure, use, exhibition or other means	
P document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 23 AUGUST 2001	Date of mailing of the international search report 16 OCT 2001
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer MARIANNE DIBRINO Telephone No. (703) 308-0196

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☒ Claims Nos.: 51-80, 84, 87-96
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Please See Extra Sheet.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1, 3-50, 85 & 86, as they pertain to SEQ ID NO: 1

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

BOX II. OBSERVATIONS WHERE UNITY OF INVENTION WAS LACKING

This ISA found multiple inventions as follows:

This application contains the following inventions or groups of inventions which are not so linked as to form a single inventive concept under PCT Rule 13.1. In order for all inventions to be searched, the appropriate additional search fees must be paid.

Groups 1-2128, claims 1, 3-50, 85 and 86, all in part, drawn to an antibody that immunospecifically binds to BLys comprising a first amino acid sequence at least 95% identical to a second amino acid sequence selected from the group consisting of an amino acid sequence comprising either the sequence of a VHCDR or a VLCDR of any one of the ScPvs of SEQ ID NO: 1 through 2128. For example, if Group 1 is elected, this correlates to the claimed antibody, wherein the said second sequence correlates to a CDR of clone ID 1003F125, i.e., the second sequence comprises an HCDR of SEQ ID NO: 1. With regard to claims 85 and 86, the claims are drawn to an antibody, that immunospecifically binds to BLys, the said antibody comprising an amino acid sequence of a VH or a VL domain encoding a nucleotide sequence that hybridizes under stringent conditions to a nucleotide sequence encoding a VH or a VL domain of an scPv comprising an amino acid sequence of any one of SEQ ID NO: 1 to 2128.

Groups 2129-3227, claims 1 and 2, all in part, drawn to an antibody that immunospecifically binds to BLys comprising a first amino acid sequence at least 95% identical to a second amino acid sequence wherein the said second amino acid sequence consists of the amino acid sequence of a VHCDR3 of any one of the scPvs of SEQ ID NO: 2129-3227. For example, if Group 2129 is elected, this correlates to the claimed antibody, wherein the said second sequence correlates to a VHCDR3 of clone ID 1003A08, i.e., the second sequence consists of the sequence of a VHCDR3 of SEQ ID NO: 2129.

Group 3228, claim 81, drawn to an antibody which inhibits the binding of the antibody produced by ATCC PTA-3239 to BLys.

Group 3229, claim 82, drawn to an antibody which inhibits the binding of the antibody produced by ATCC PTA-3240 to BLys.

Group 3230, claim 83, drawn to an antibody which inhibits the binding of the antibody produced by ATCC PTA-3243 to BLys.

The inventions listed as Groups 1-3230 do not relate to a single inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: The antibodies of each invention are unrelated each to the other. The antibodies of each invention have different structures, and are therefore different products which are not coextensive and which do not share the same technical feature.